

10044746-124401

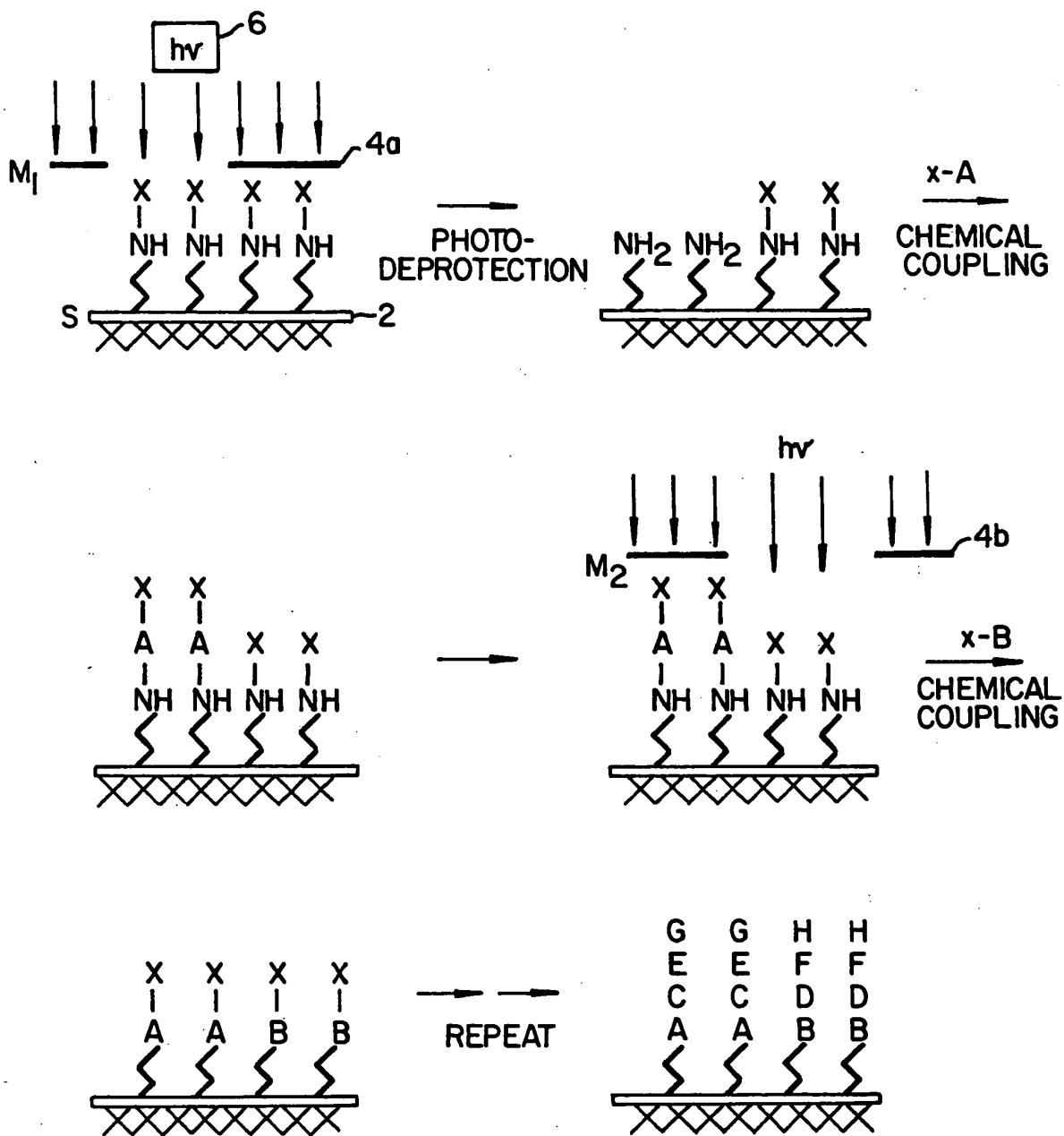


FIG. 1.

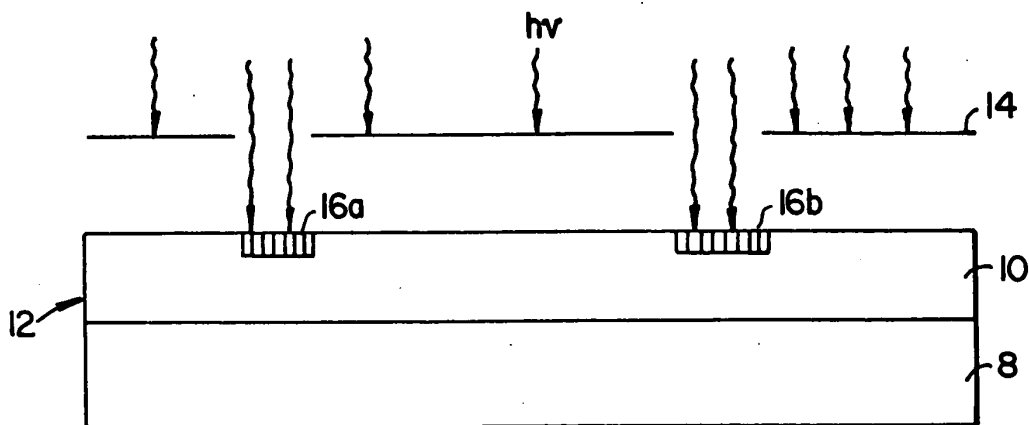


FIG. 2.

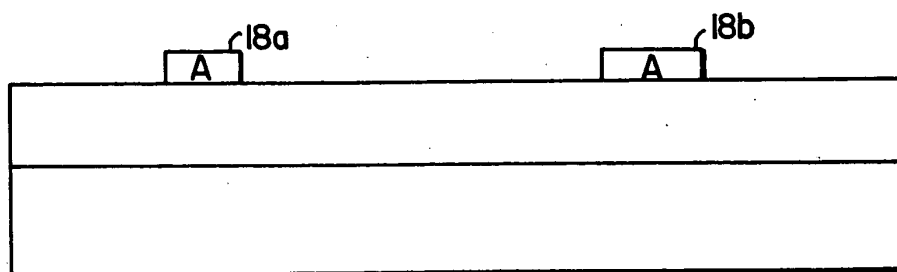


FIG. 3.

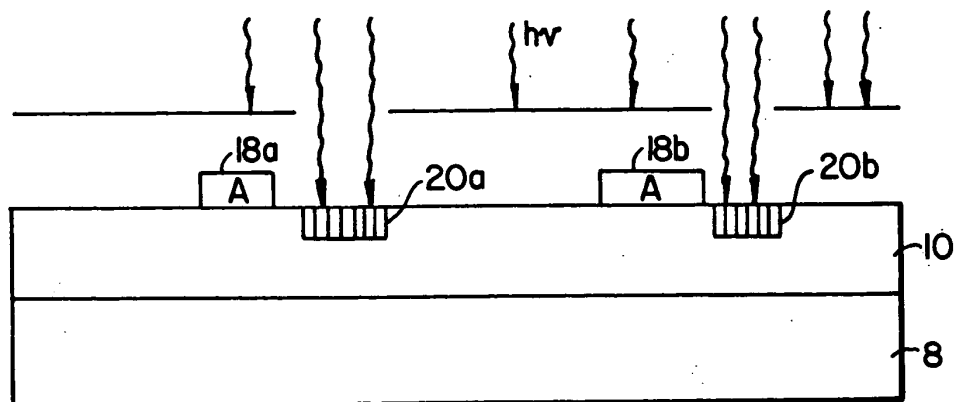


FIG. 4.

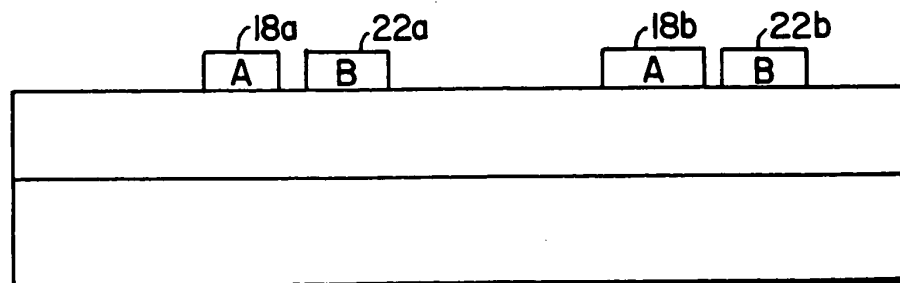


FIG. 5.

40044746-134404

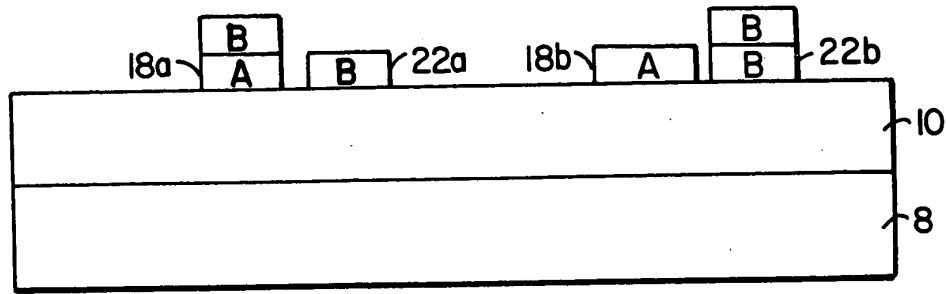


FIG. 6.

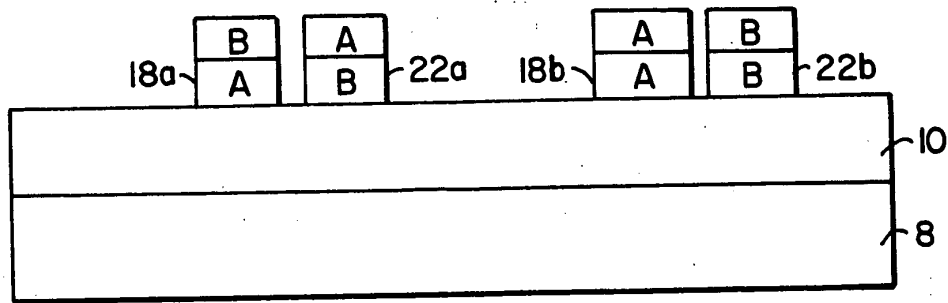


FIG. 7.

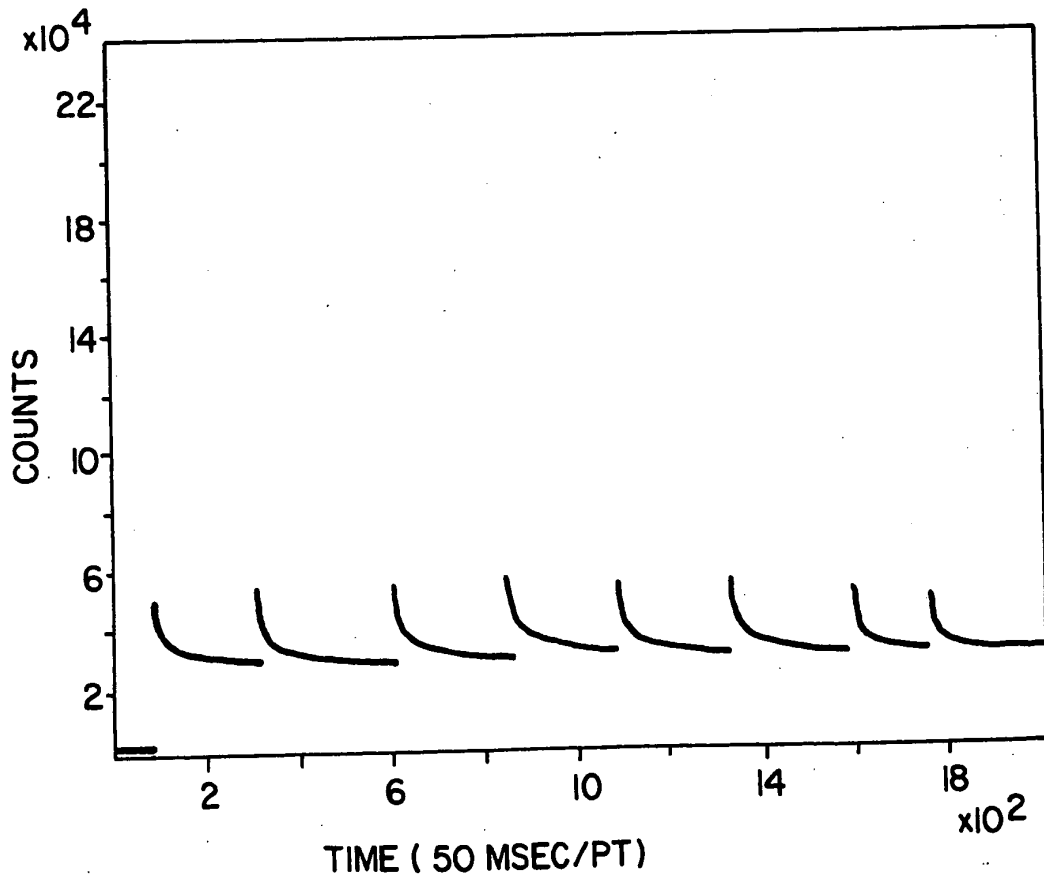


FIG. 8A.

100446 440
 Patent Sheet

1001446440
F041627-974400

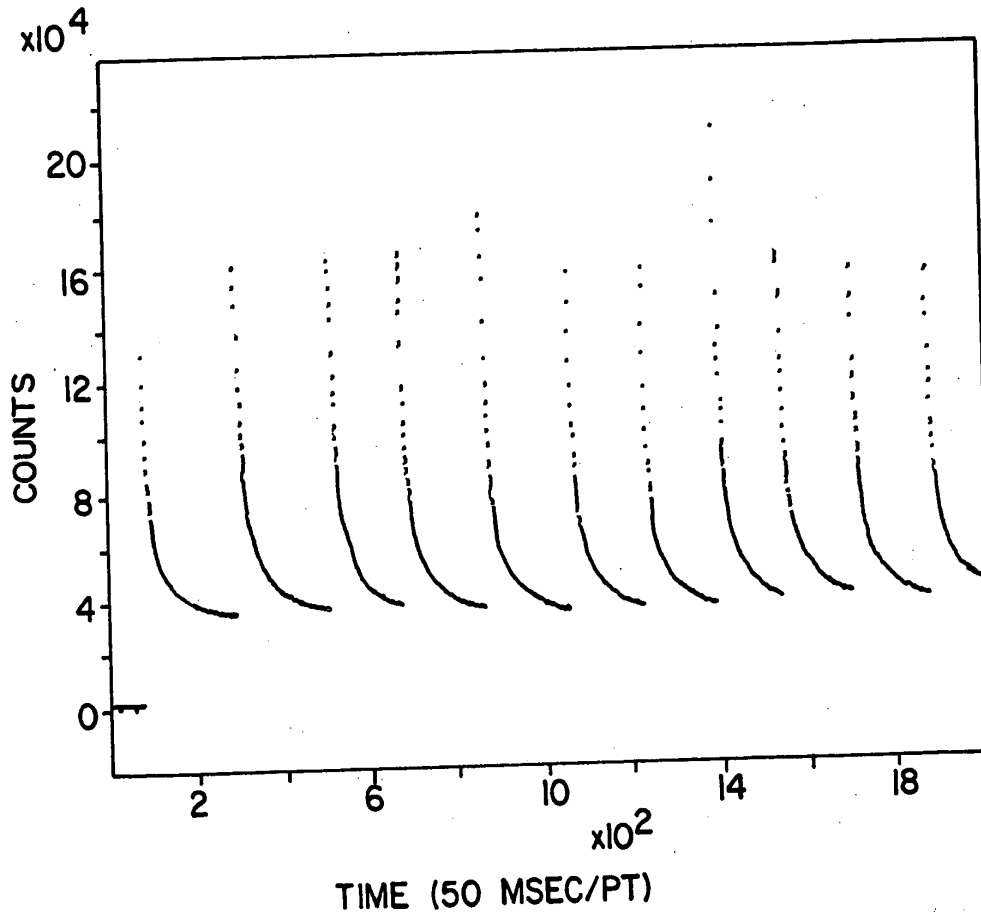
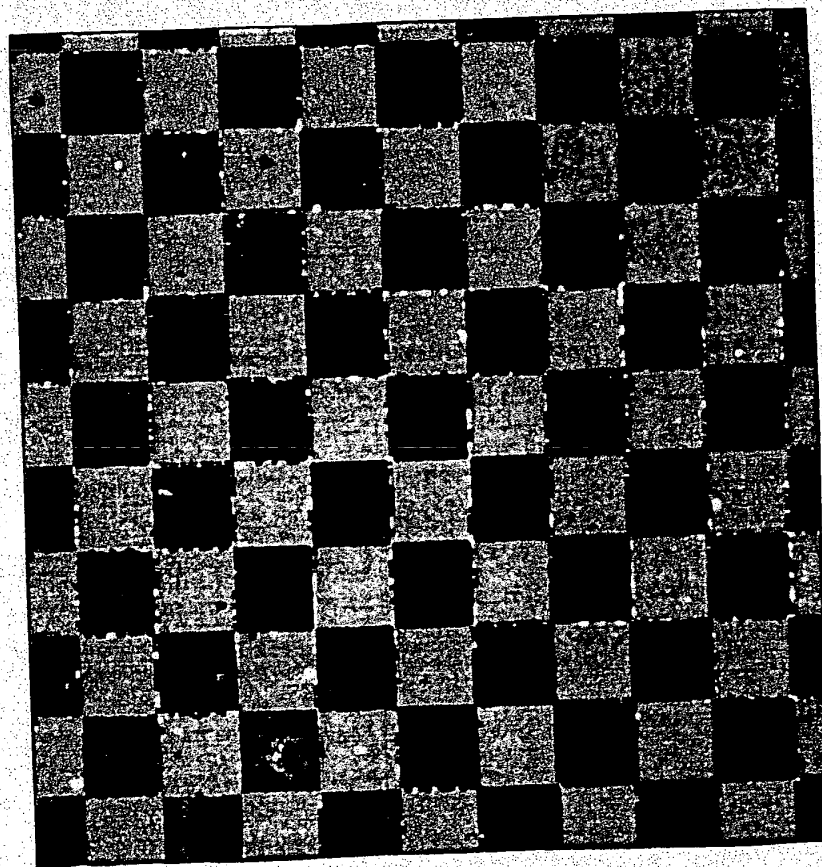


FIG. 8B.

10014716-124404

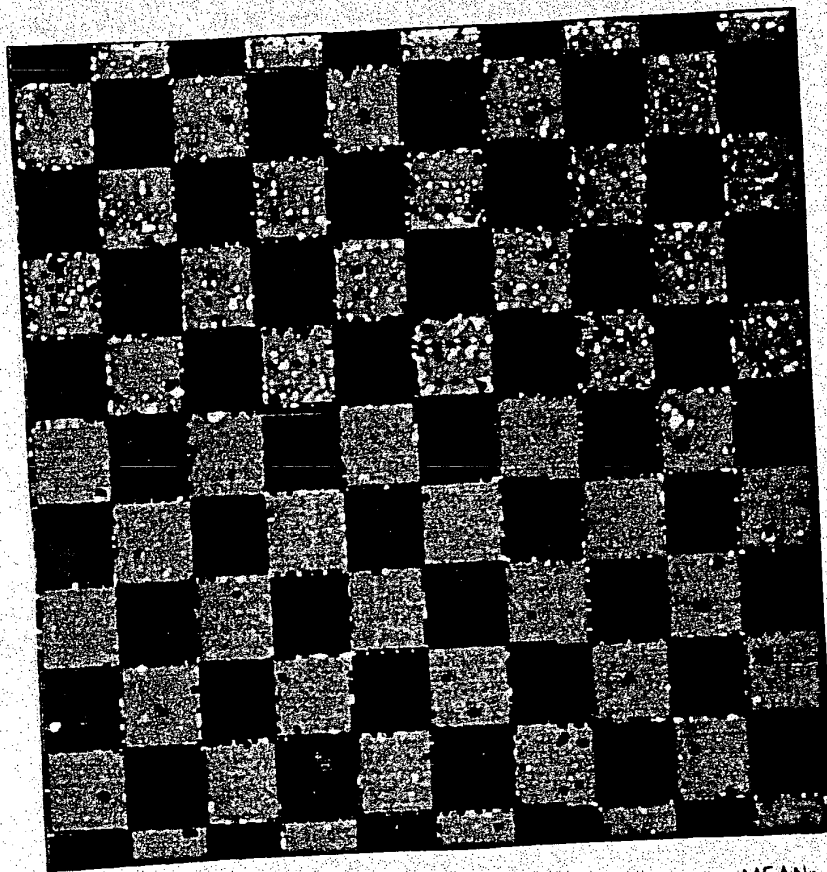


1023027
728188.3
322785.5
300672.6
285930.7
278559.7
271188.8
212221.1
197479.2
182737.3
138511.5

MEAN 285930.7
VAR 2.173242E+10
 σ 147419.2

FIG. 9A.

100147-16-124401

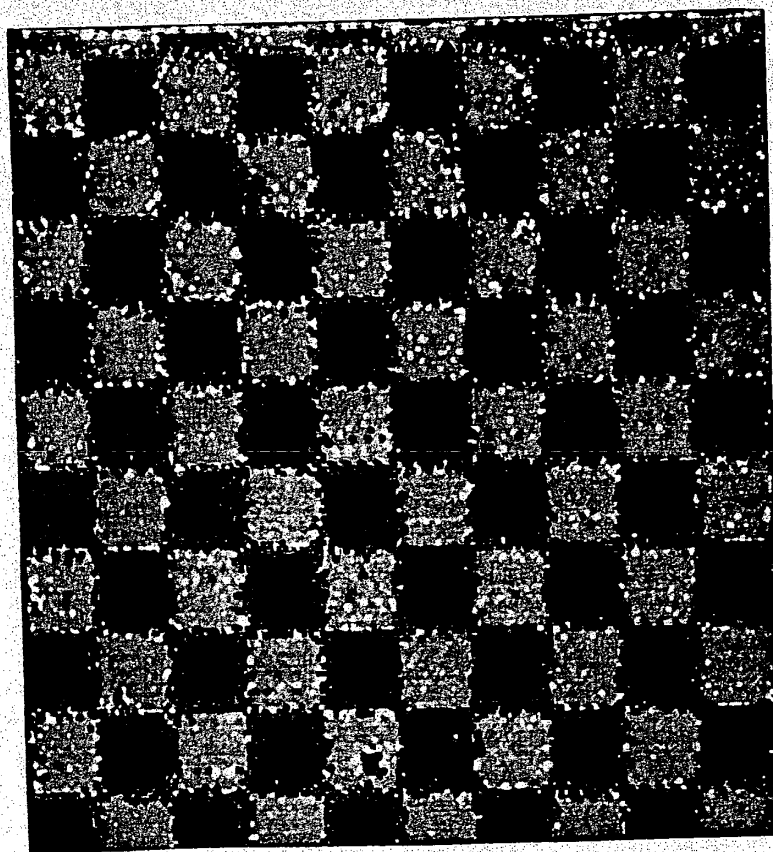


617735.3
417730.7
142724.2
127723.9
117723.6
112723.5
107723.4
67722.45
57722.21
47721.98
17721.27

MEAN: 117723.6
VAR: 1.000047E+10
 σ : 100002.3

FIG. 9B.

FIG. 9C

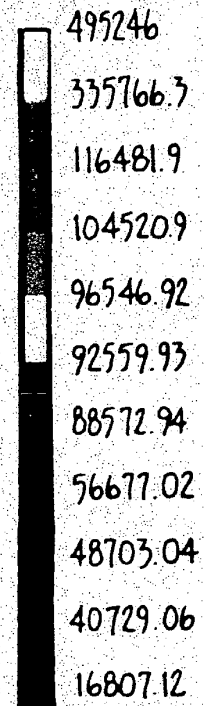
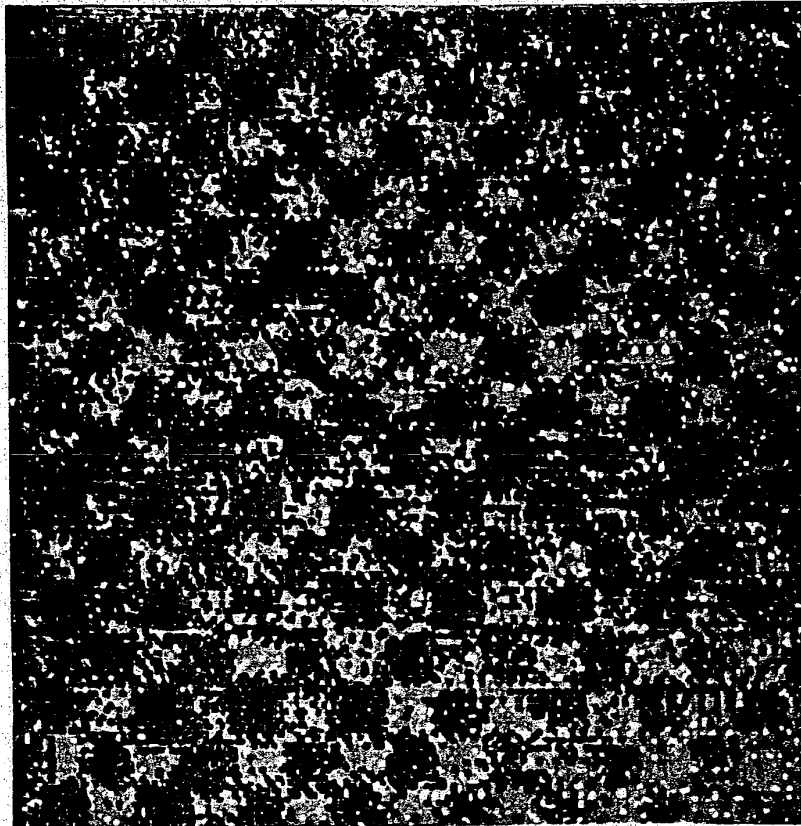


552484.3
373317.4
126963
113525.5
104567.2
100000
95608.83
59775.46
50017.12
41858.78
14983.75

MEAN 104567.2
VAR 8.025189E+09
 σ 89583.42

FIG. 9C.

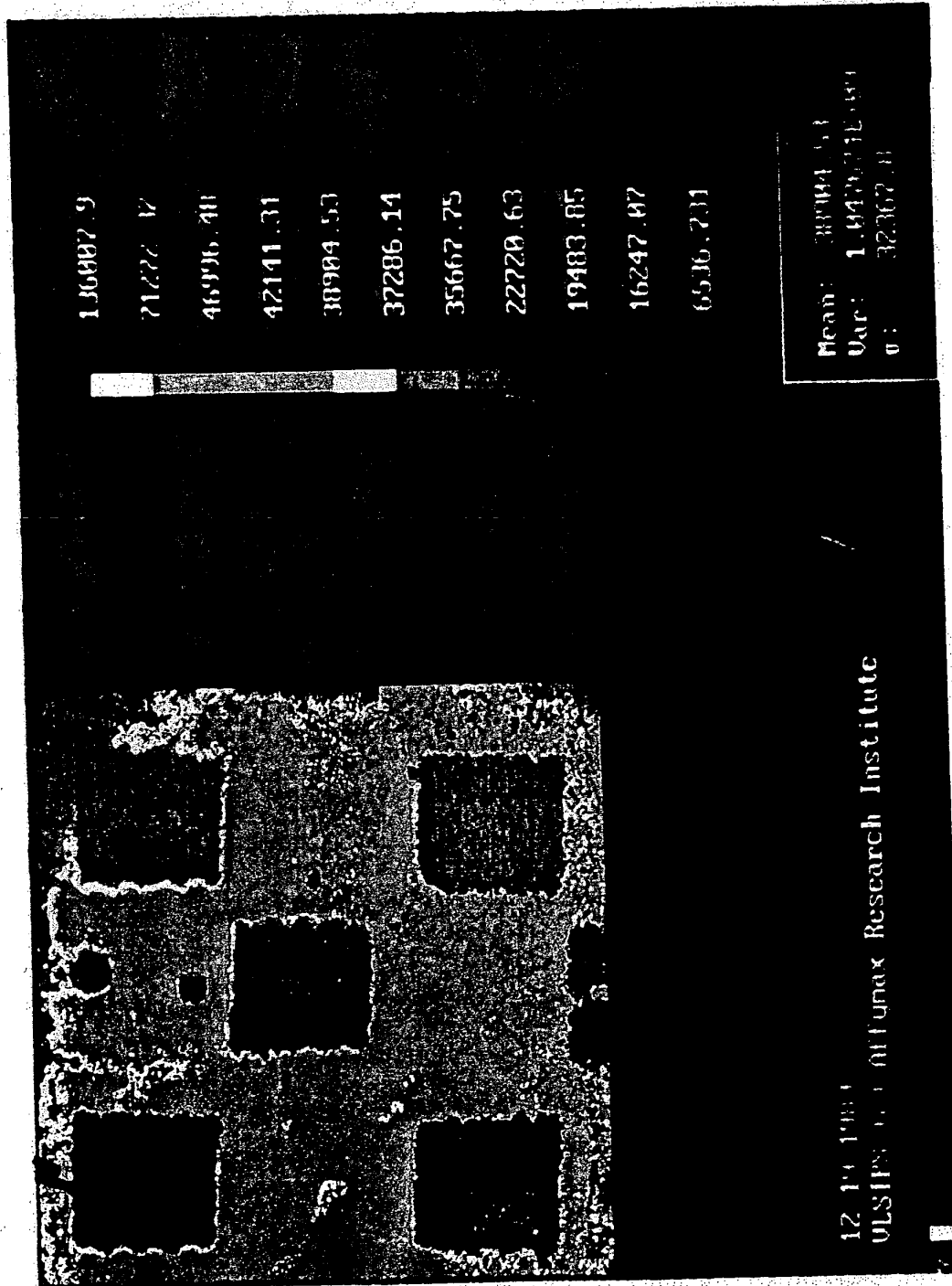
FOOTNOTES



MEAN 96546.92
VAR 6.358437E+09
 σ 79739.8

FIG. 9D.

FOOTPRINT 91/41001



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 ULSIP 0.1 011unax Research Institute

FIG. 10.

10044716-131401

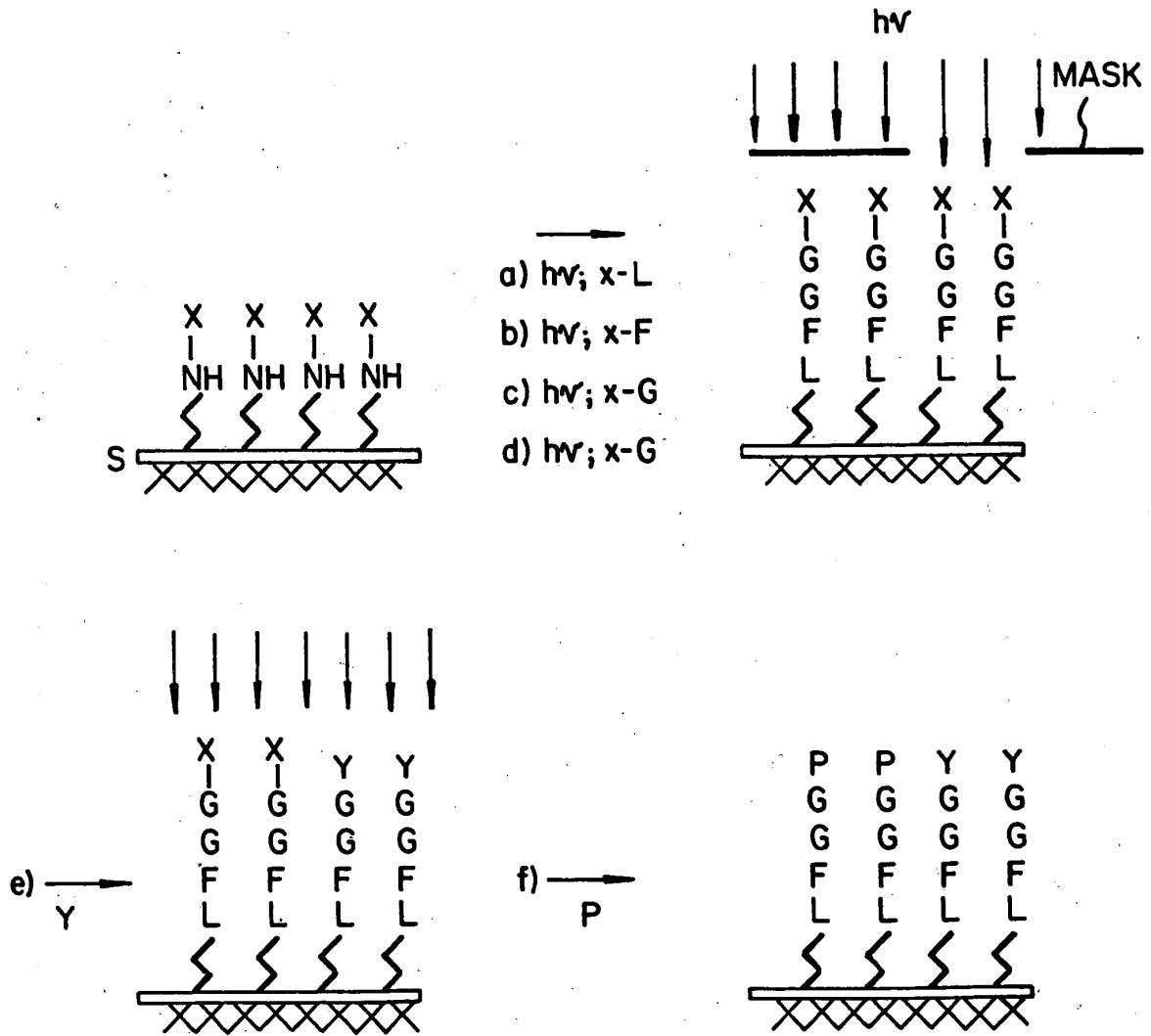
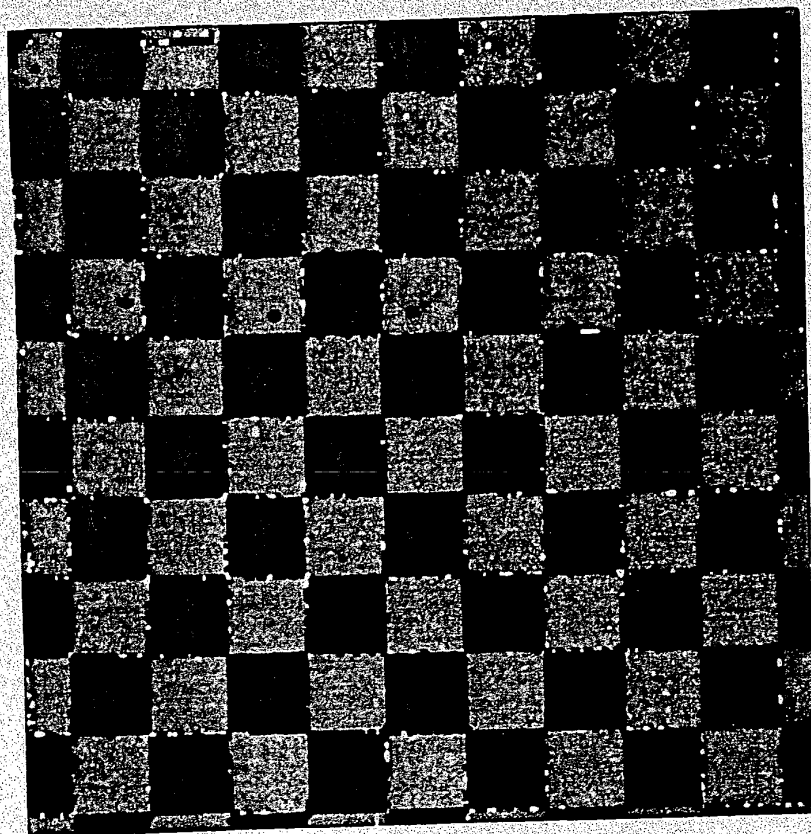


FIG. II.

FOOT-STEP



676588
428583.8
142577.9
126977.5
116577.3
111377.2
106177.1
64576.25
54176.03
45775.82
12575.18

MEAN: 116577.3
VAR: 1.081645E+10
 σ : 104002.1

FIG. 12.

10044716.134404

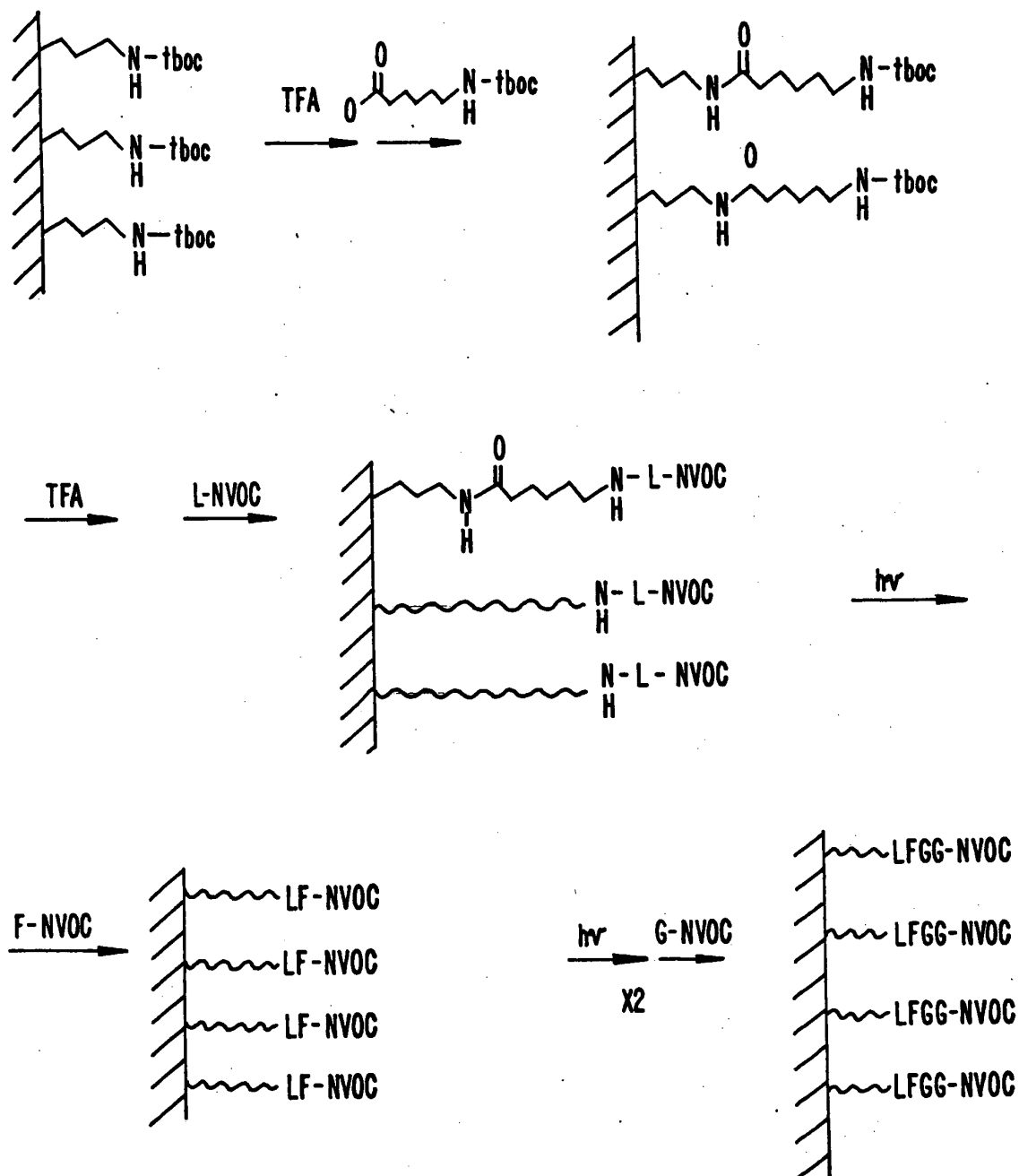


FIG. 13A.

10044716-424401

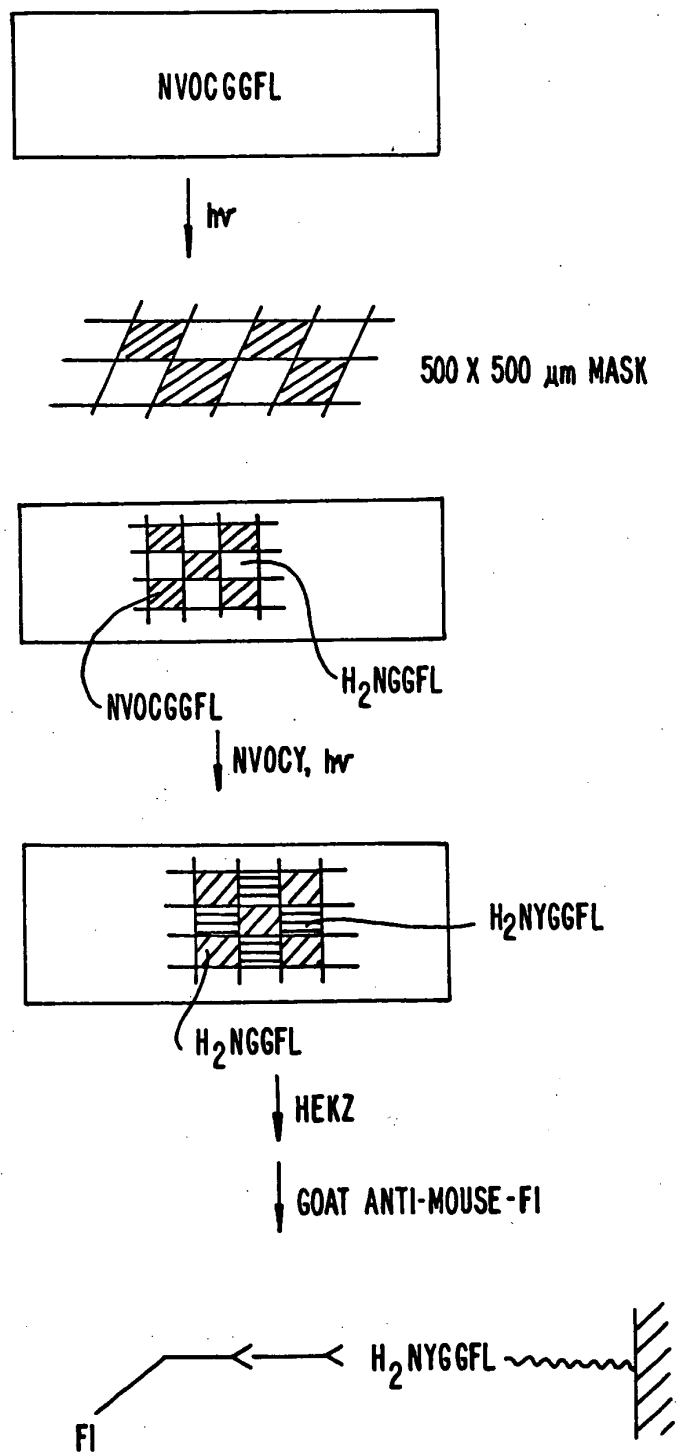
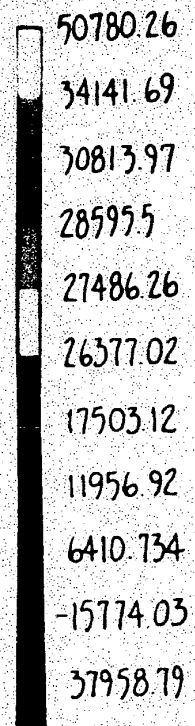
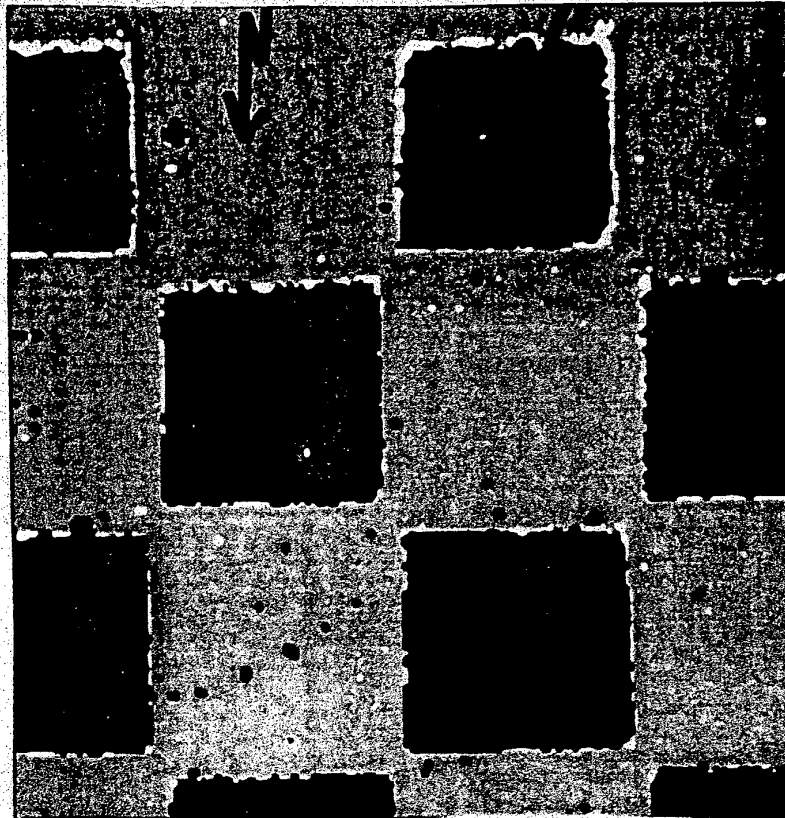


FIG. 13B.

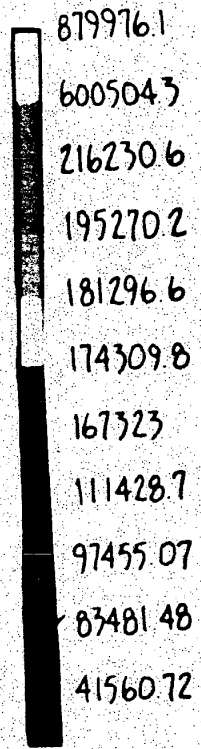
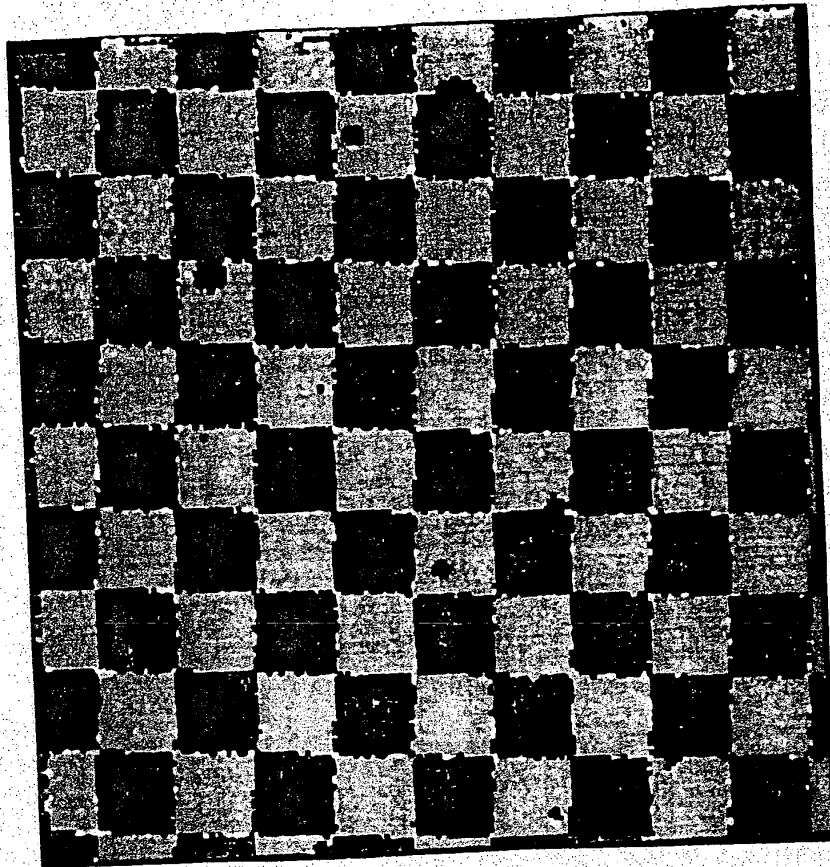
10014716-121401



MEAN 28595.5
VAR 4.921637E+08
 σ 22184.76

FIG. 13C.

FOOT 91441

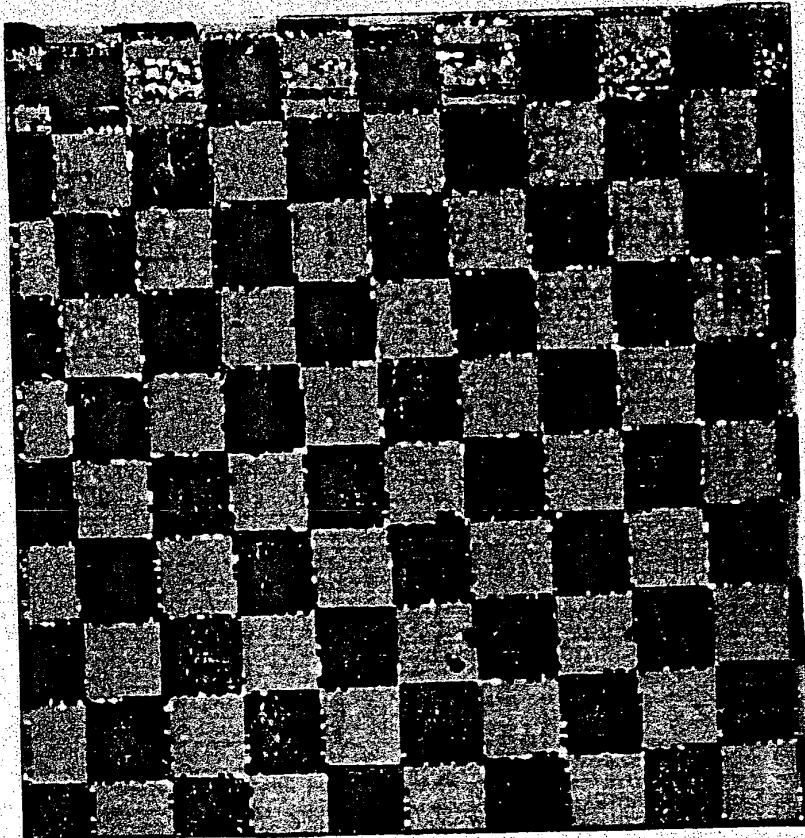


879976.1
600504.3
216230.6
195270.2
181296.6
174309.8
167323
111428.7
97455.07
83481.48
41560.72

MEAN: 181296.6
VAR: 1.952612E+10
 σ 139735.9

FIG. 13D.

1001473E-124401



667348.3
453053
158397
142324.9
131610.1
126252.7
120895.3
78036.29
67321.52
56606.77
24462.47

MEAN: 131610.1
VAR: 1.148062E+10
 σ 107147.6

FIG. 14.

P	A	S	G	
<u>L</u> PGFL	<u>L</u> AGFL	<u>L</u> SGFL	<u>L</u> GGFL	L
<u>F</u> PGFL	<u>F</u> AGFL	<u>F</u> SGFL	<u>F</u> GGFL	F
<u>W</u> PGFL	<u>W</u> AGFL	<u>W</u> SGFL	<u>W</u> GGFL	W
<u>Y</u> PGFL	<u>Y</u> AGFL	<u>Y</u> SGFL	<u>Y</u> GGFL	Y

L SET

FIG. 15A.

p	a	s	G	
<u>Y</u> pGFL	<u>Y</u> aGFL	<u>Y</u> sGFL	<u>Y</u> GGFL	Y
<u>f</u> pGFL	<u>f</u> aGFL	<u>f</u> sGFL	<u>f</u> GGFL	f
<u>w</u> pGFL	<u>w</u> aGFL	<u>w</u> sGFL	<u>w</u> GGFL	w
<u>y</u> pGFL	<u>y</u> aGFL	<u>y</u> sGFL	<u>y</u> GGFL	y

D SET

FIG. 15B.

10034716-134404

1004476-134401

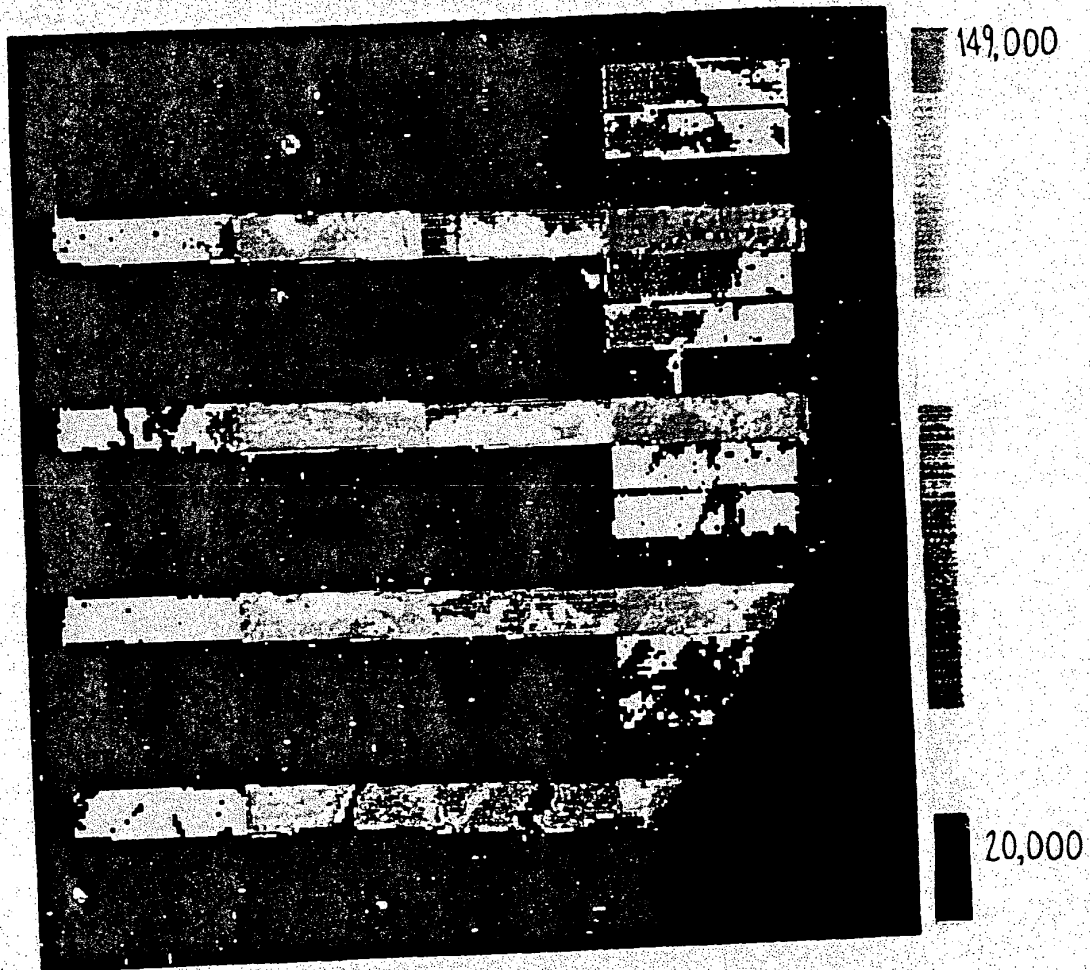


FIG. 16.

1004476741001

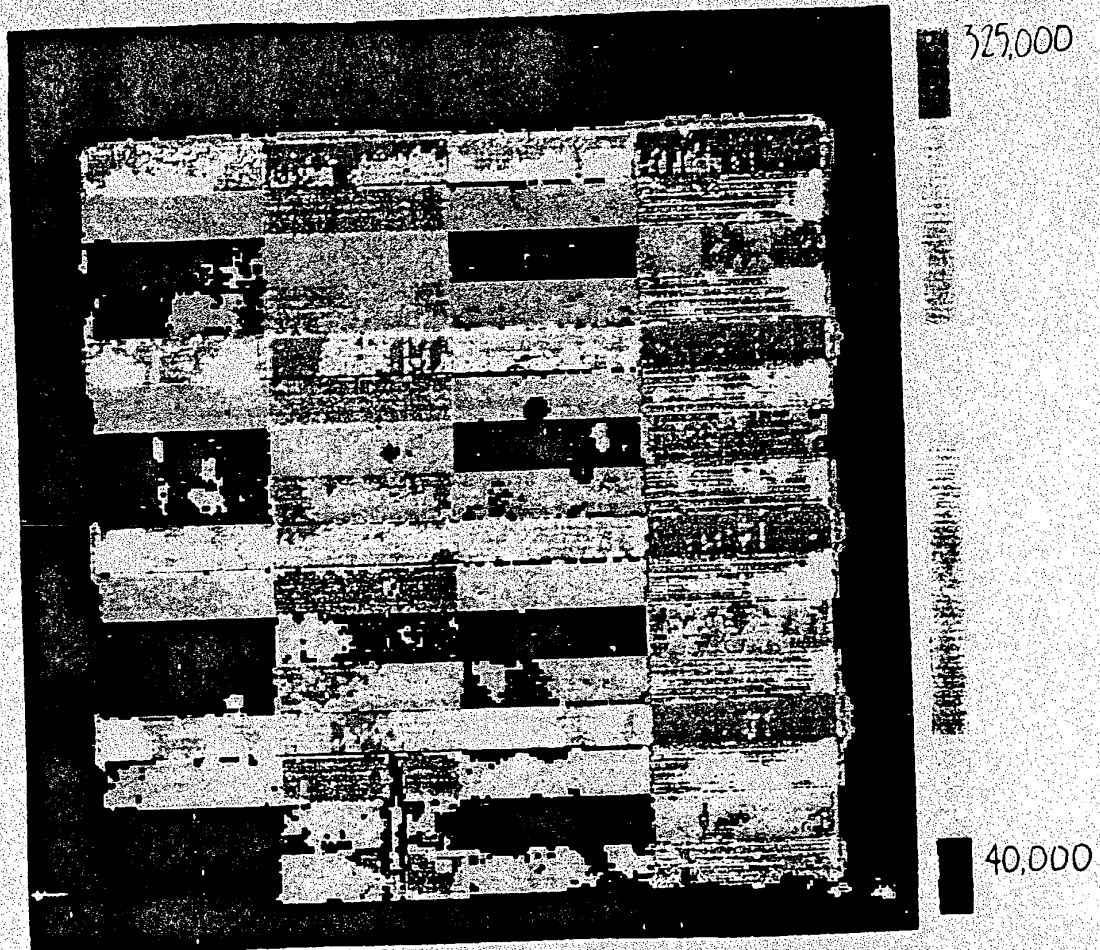


FIG. 17.

FOOT " 974700T

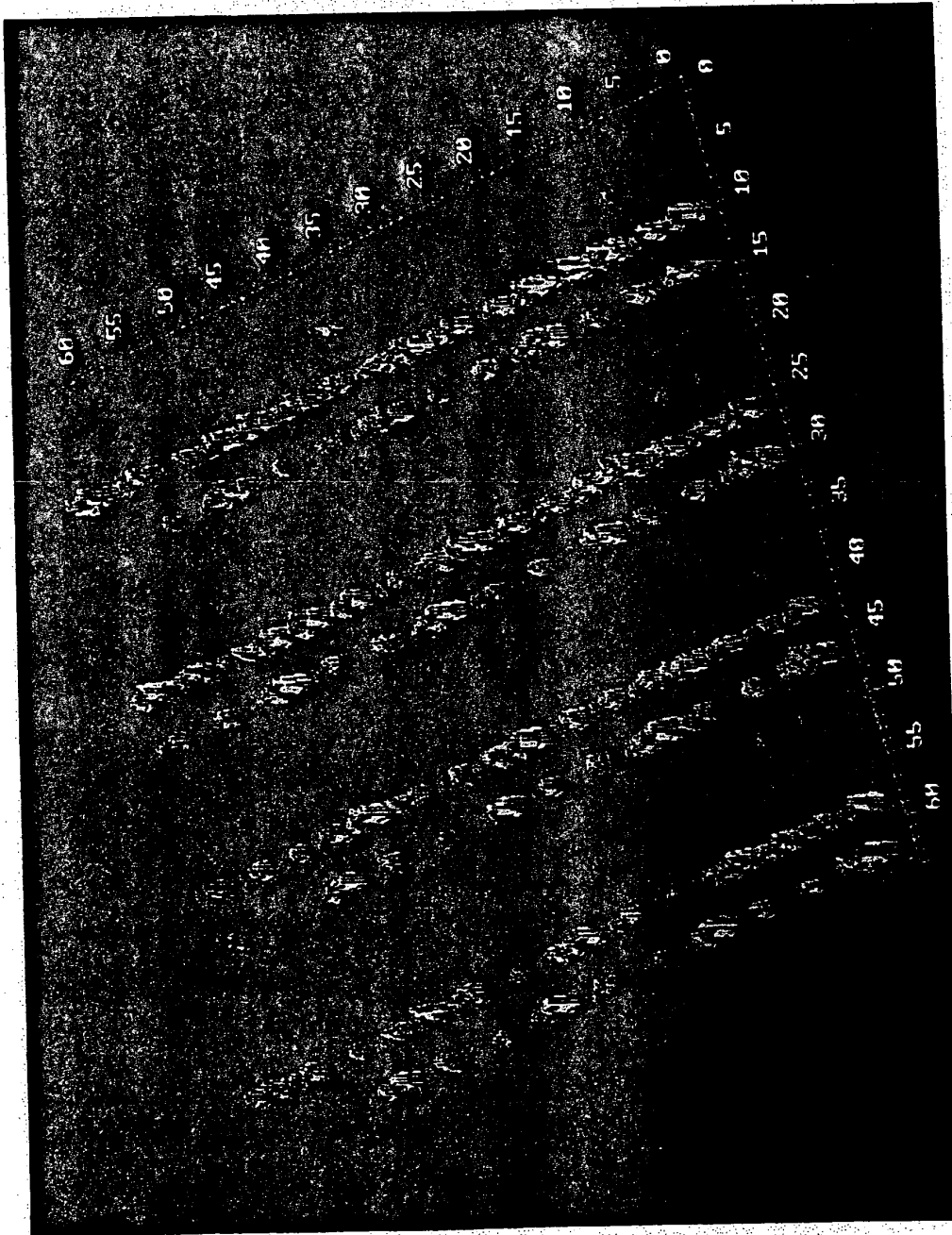


FIG. 18.

FOOTER "924100"

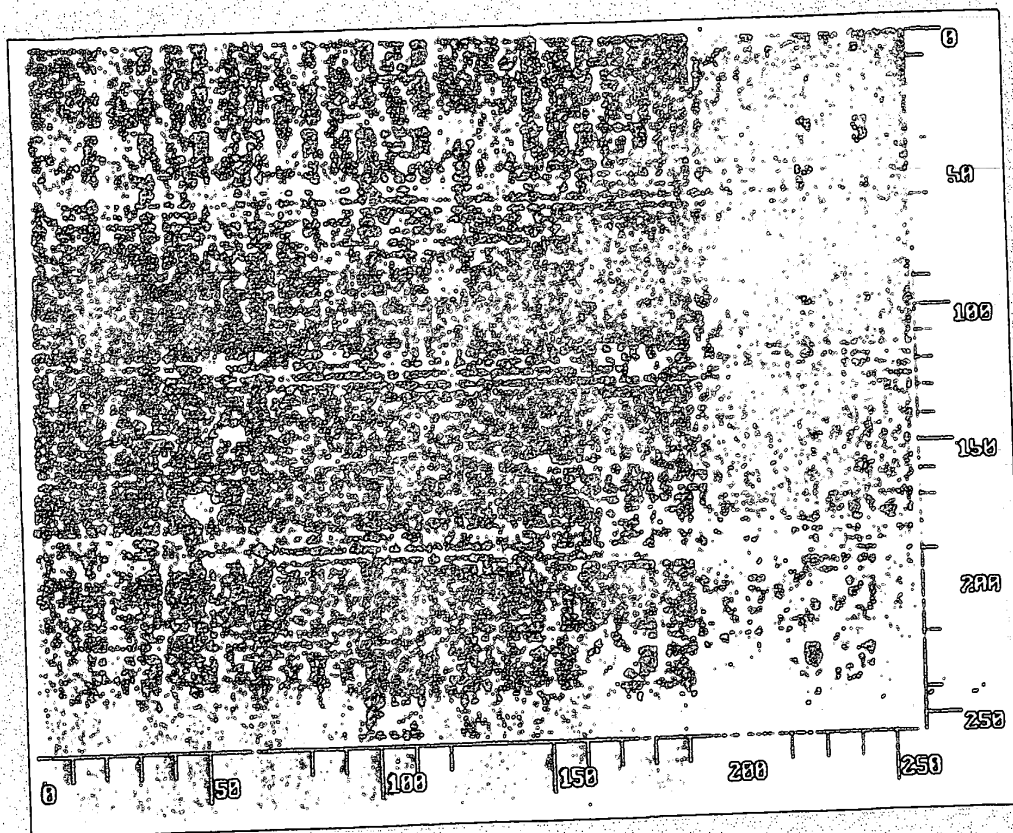


FIG. 19.

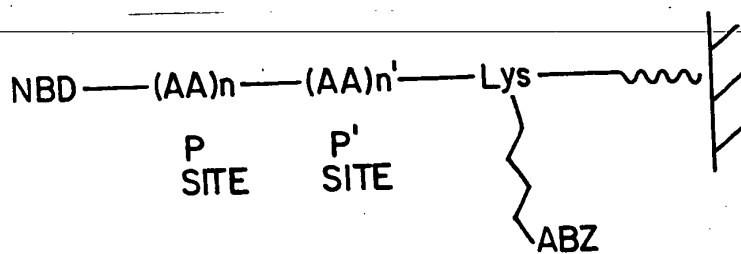


FIG. 20A.

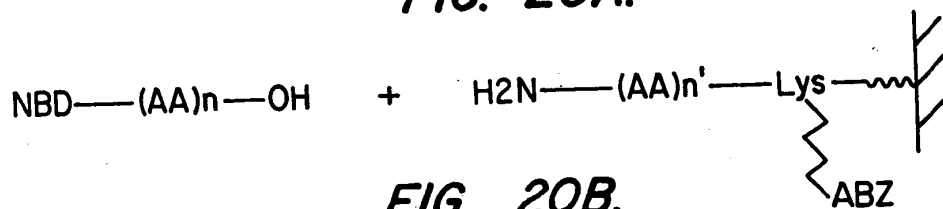


FIG. 20B.

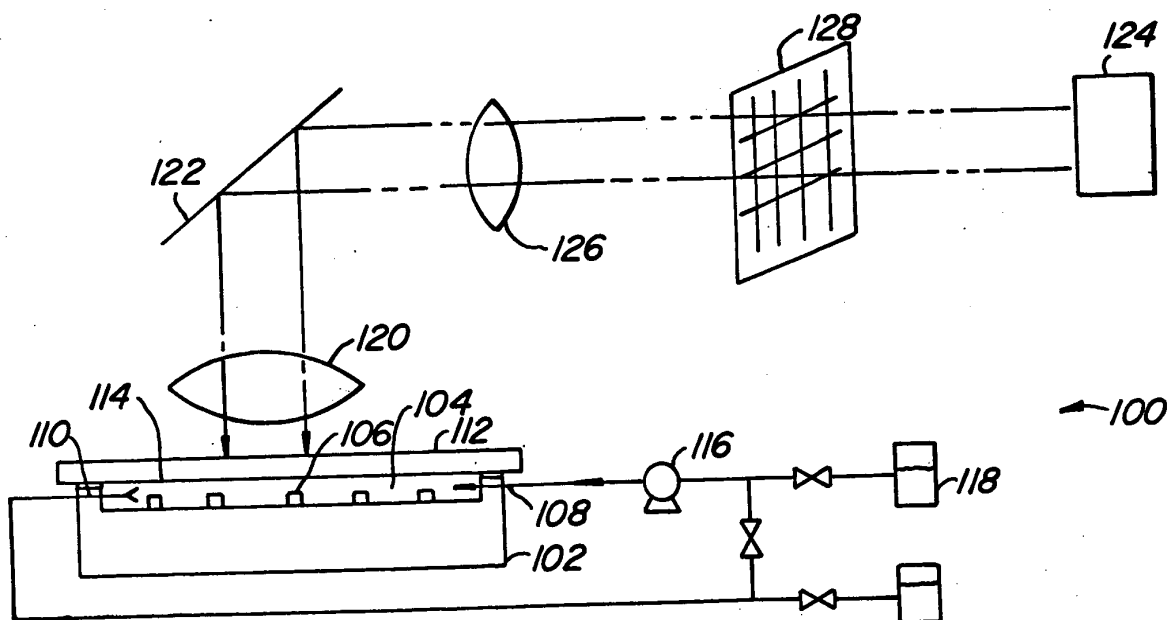


FIG. 22A.

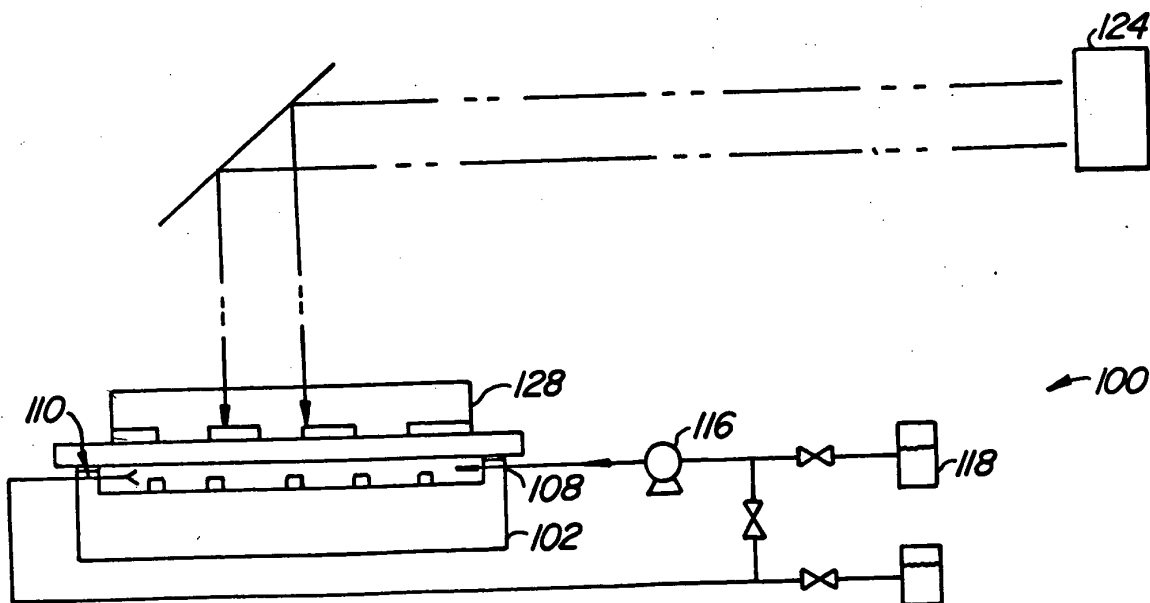


FIG. 22B.

10044746.134401

FIG. 21A

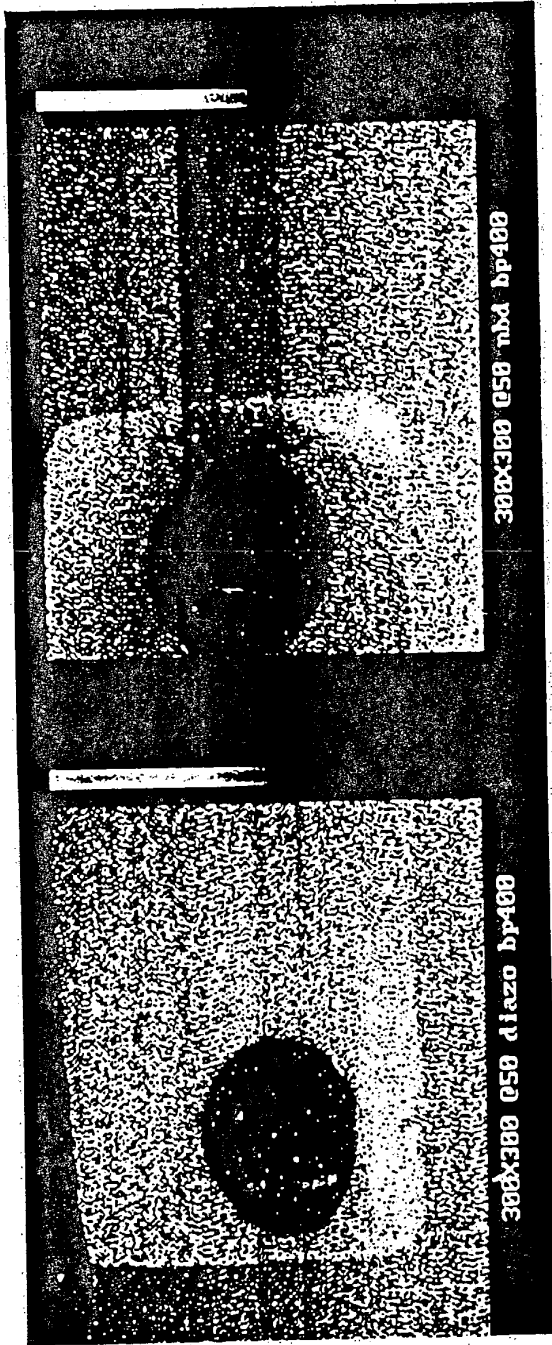


FIG. 21B.

FIG. 21A.

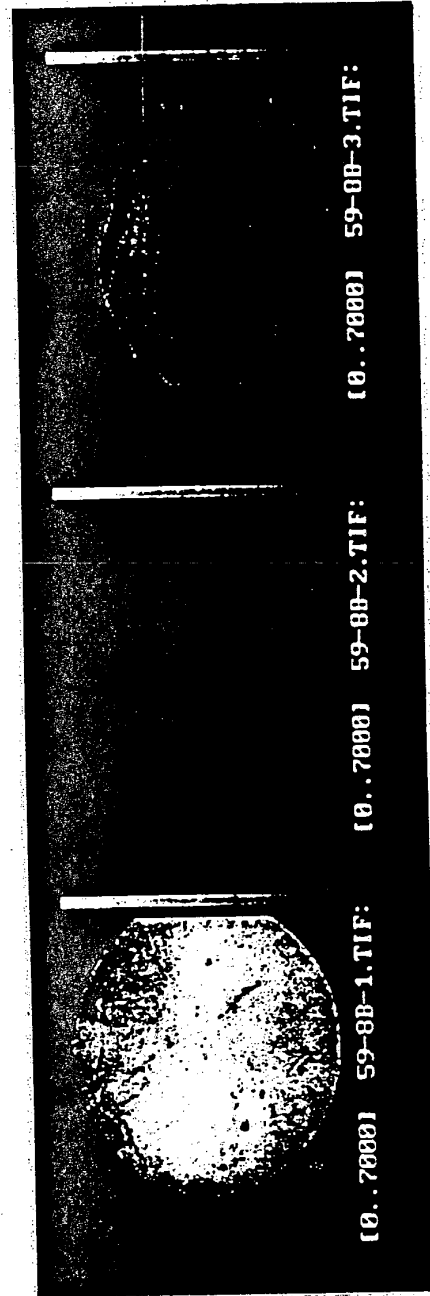


FIG. 39A. FIG. 39B. FIG. 39C.

FIG. 23

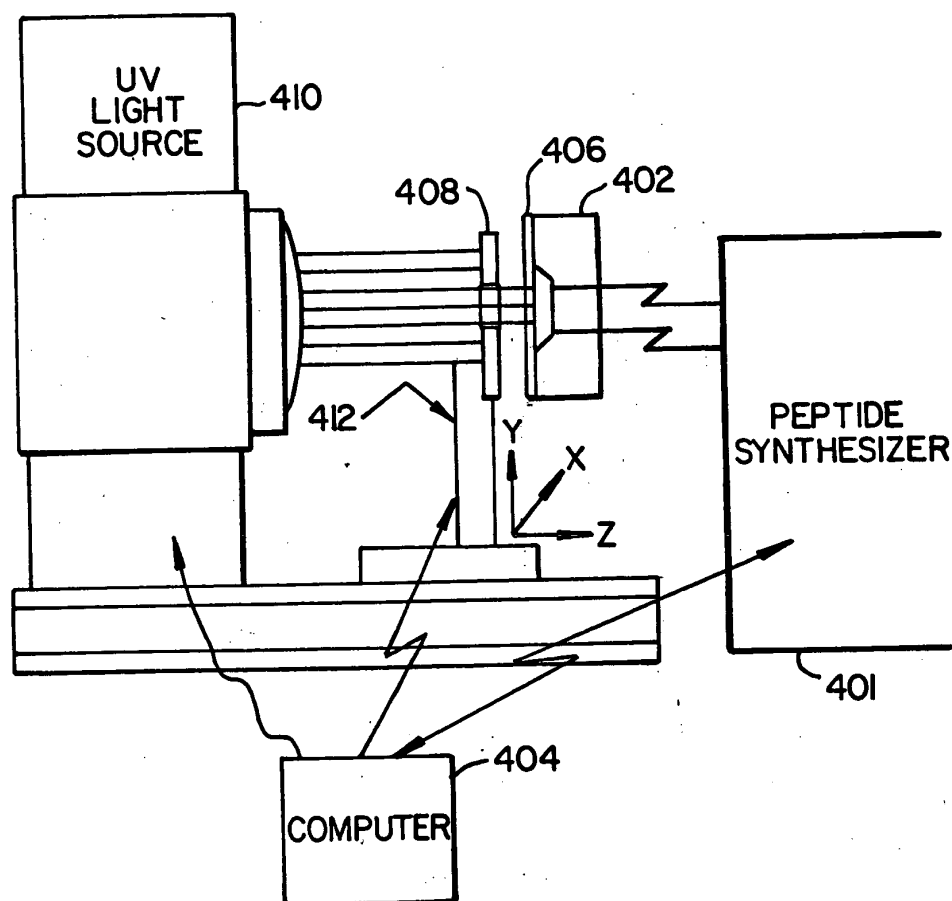


FIG. 23.

10014745-121401

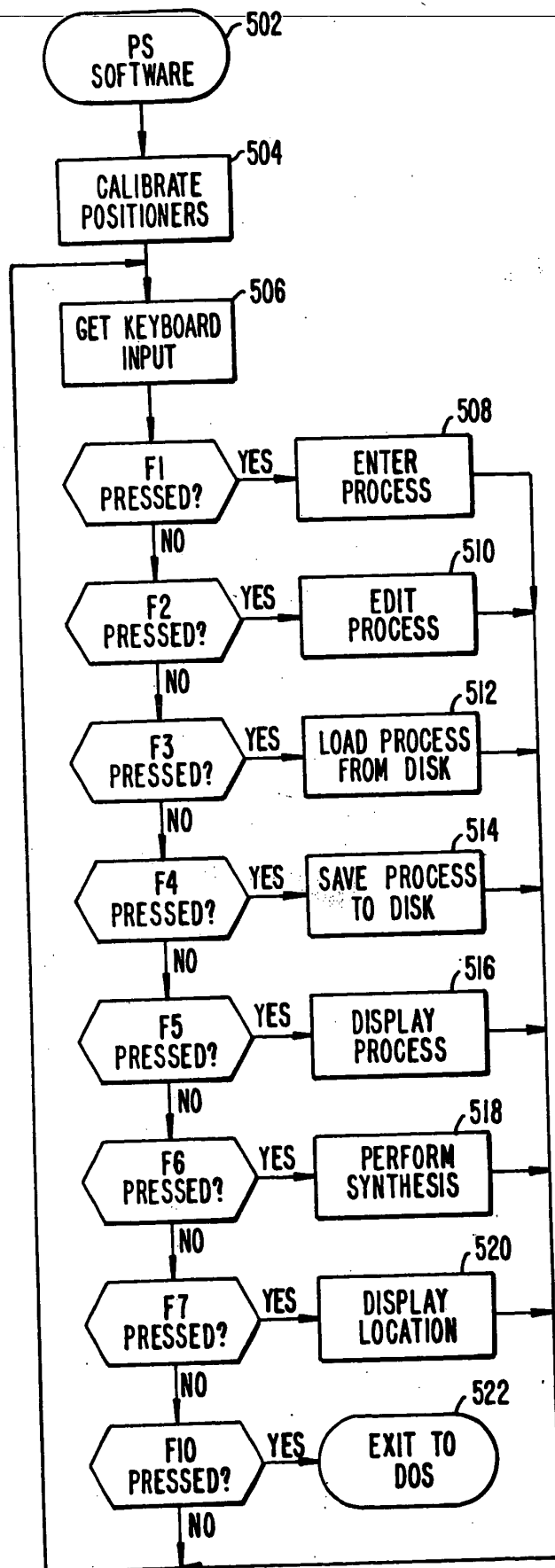


FIG. 24A.

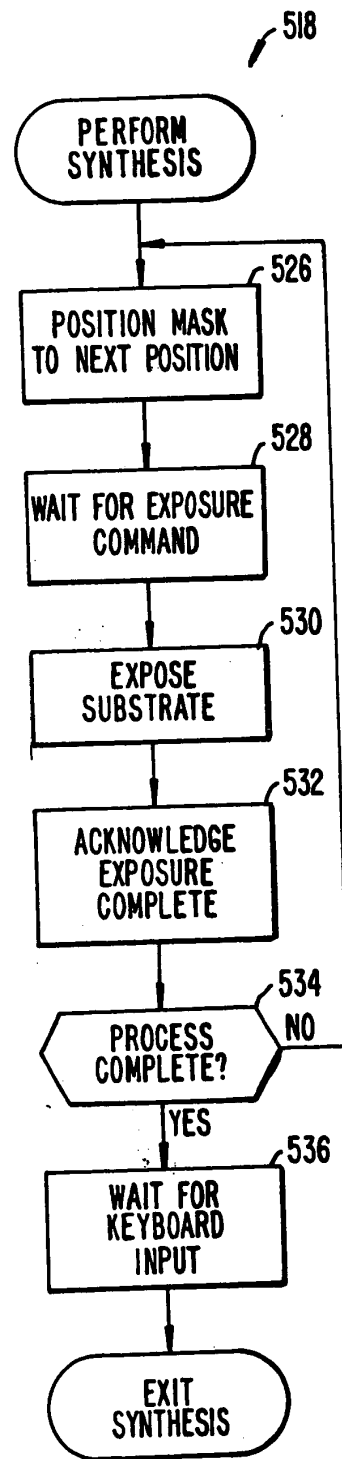
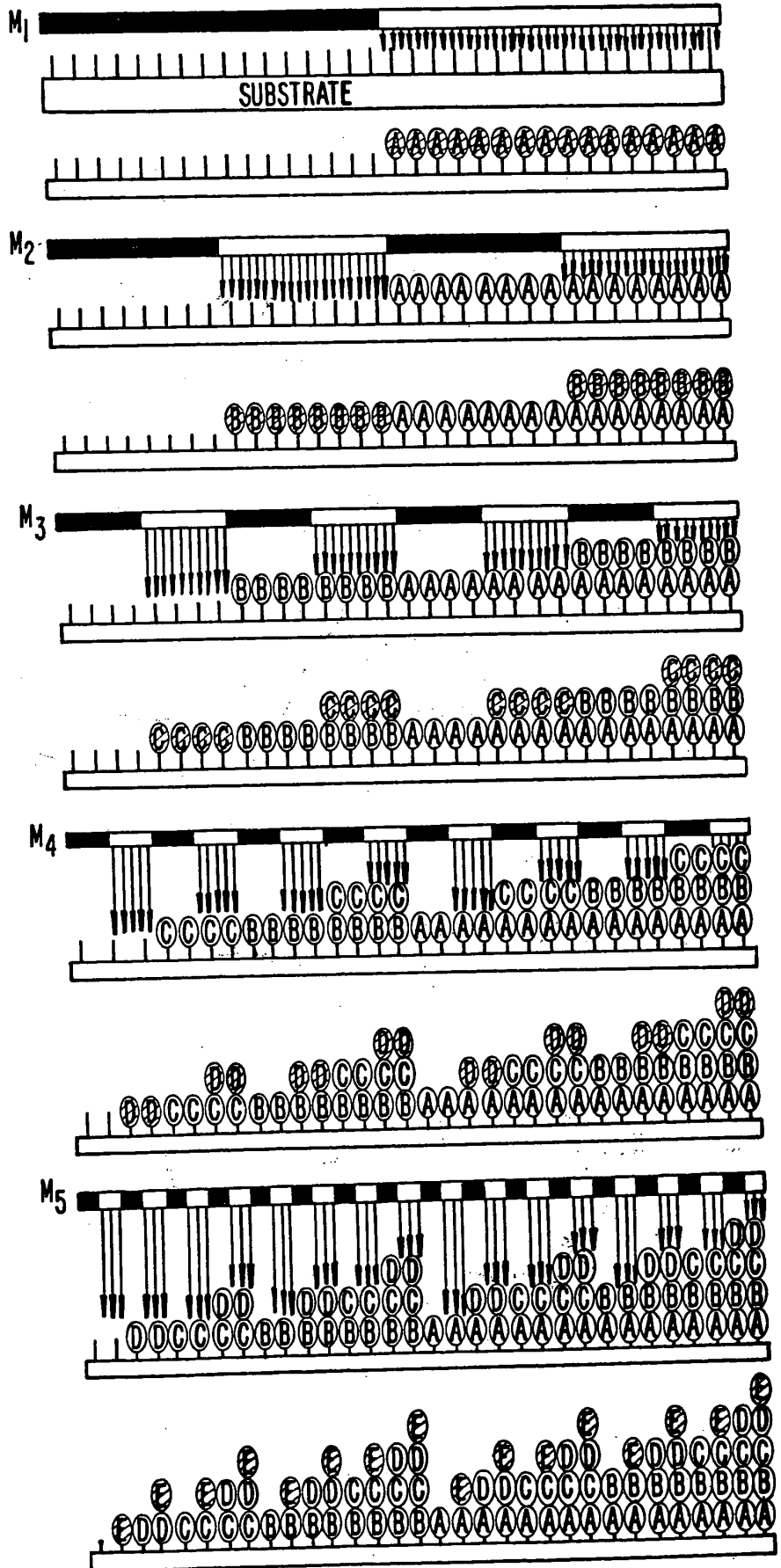


FIG. 24B.

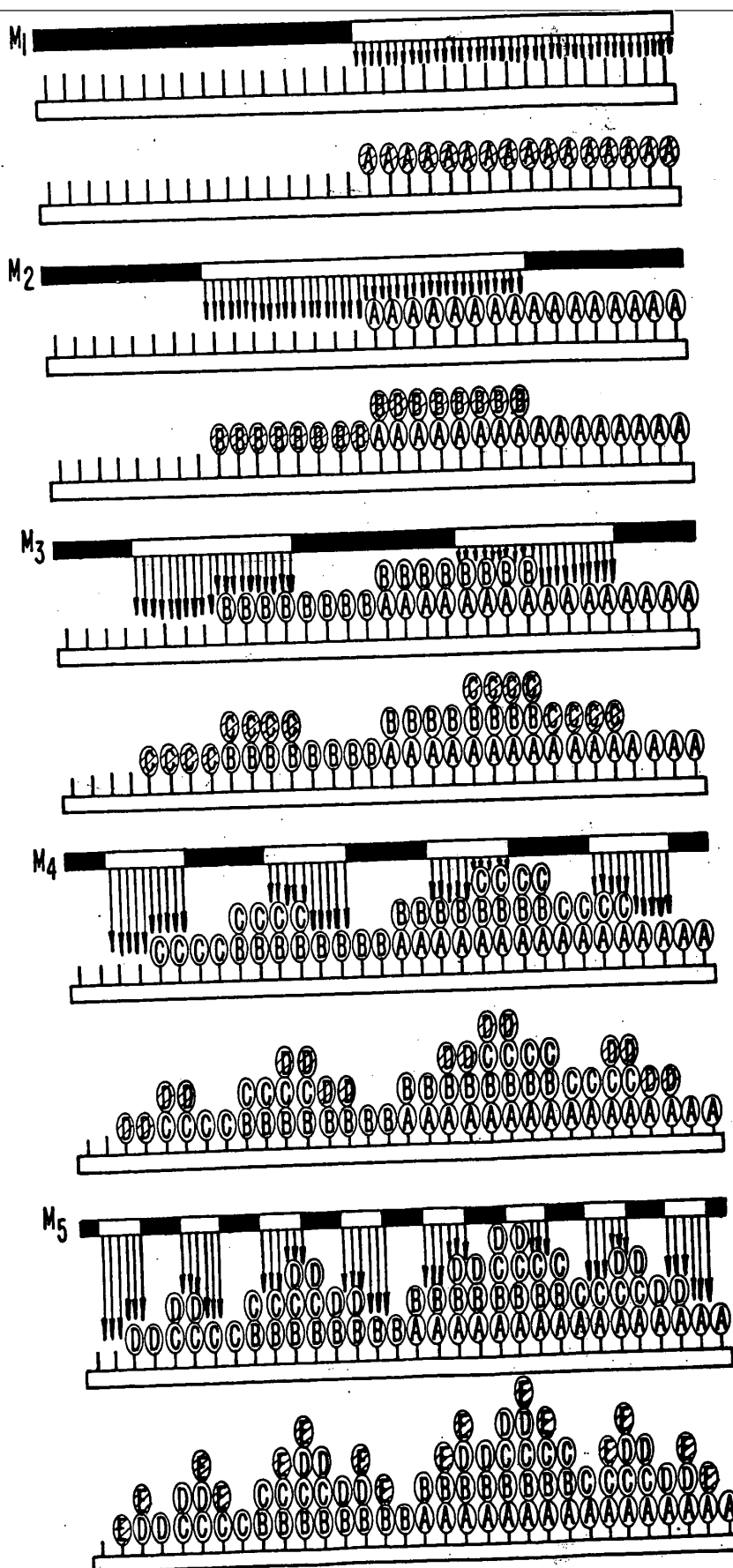
10044716-134401

FIG. 25.



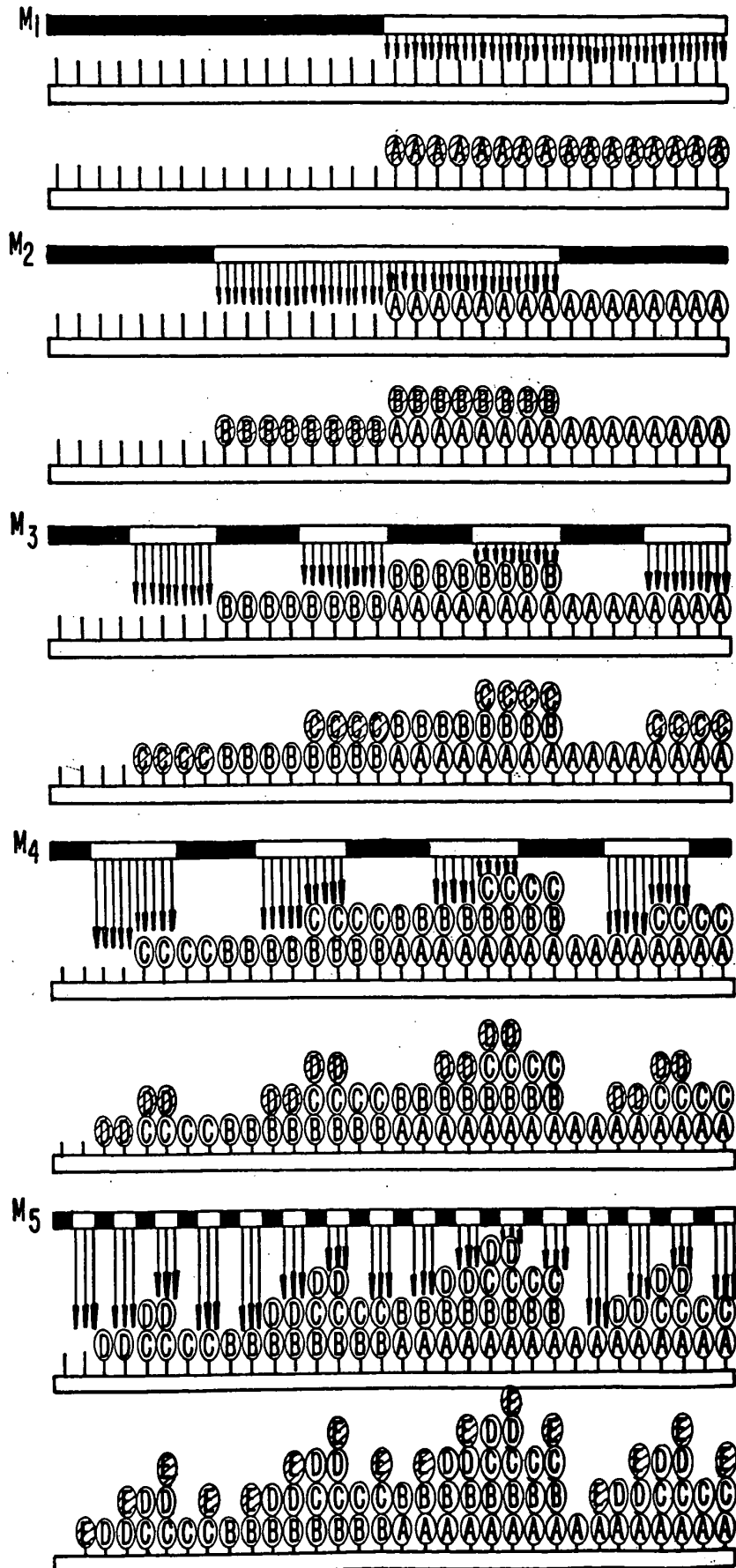
10044716-131401

FIG. 26.



10014716-134401

FIG. 27.



10044716.434401

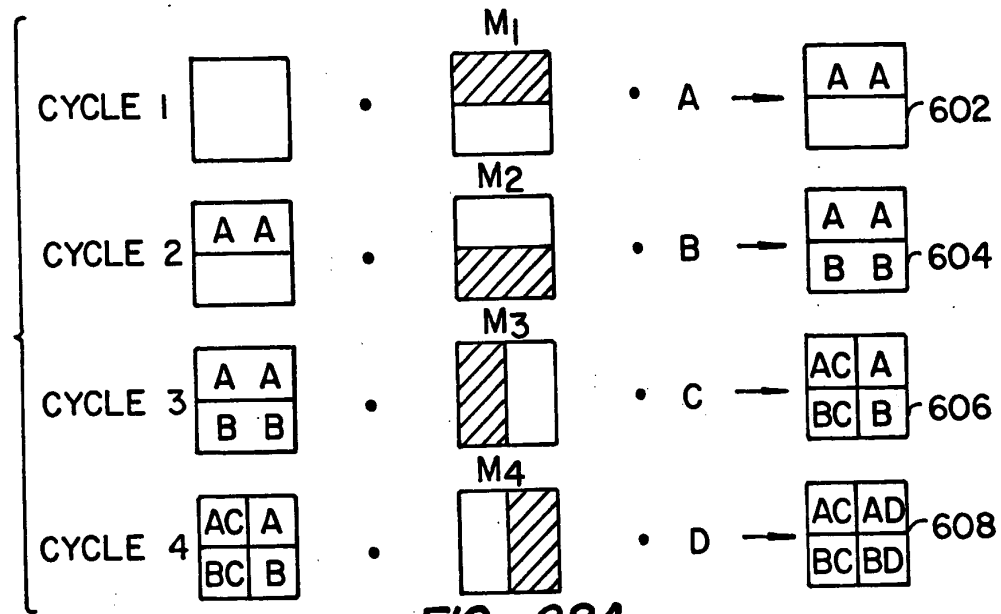


FIG. 28A.

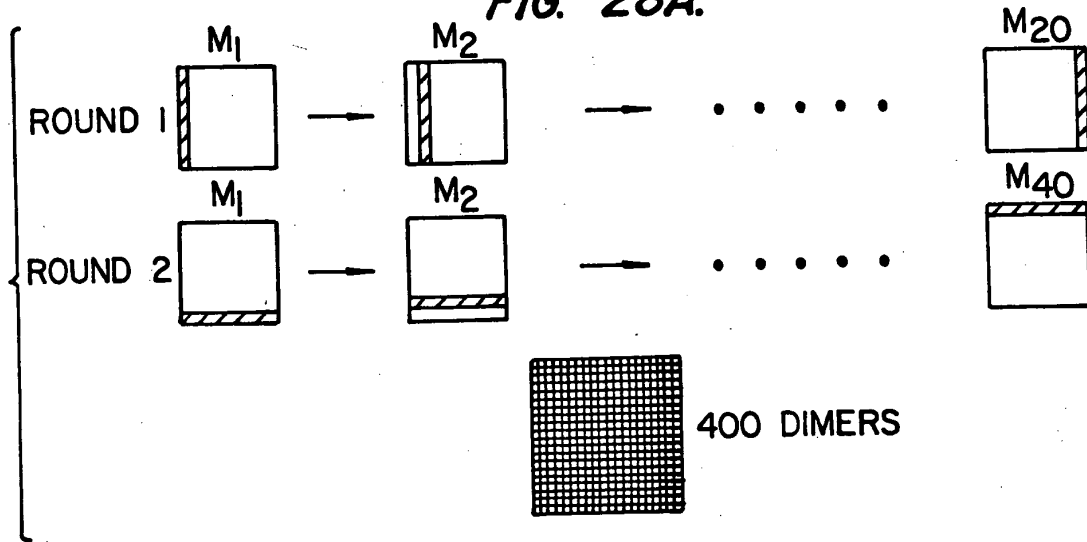


FIG. 28B.

FOOTER 9TCHT00F

(x,y)

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1	f																															
2	Y																															
3		G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
4			A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
5		G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
6			T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
7																																
8																																
9																																
10																																

FIG. 29.

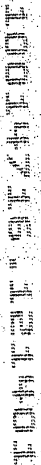











FIG. 30.

10034716-121401

STEP	AREA PHOTOLYZED	MASK	COUPLE
1	100%		T
2	100%	.	V
3	100%	.	V
4	100%	.	K
5	50%		F
6 TO 25	Y20	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> 20 STEPS </div> <div>  ↓  ↓  ↓  ↓  </div> <div style="margin-left: 10px;"> ← W NOT OVERLAPPING </div> </div>	G, A, R, K, C, M, S D, E, N, Q, F, H W, Y, L, P, V, I, T
26	50%		Q
27	100%		R

WILL GENERATE AN ARRAY OF 4 CLASSES OF PEPTIDES:

- | | | |
|--|---|--|
| (1) RXKVVT
(2) RQXKVVT
(3) RQXFKVVT
(4) RFXKVVT | } | WHERE X REPRESENTS SUBSTITUTION OF ALL
20 L-AMINO ACIDS |
|--|---|--|

FIG 31.

10044745-124404

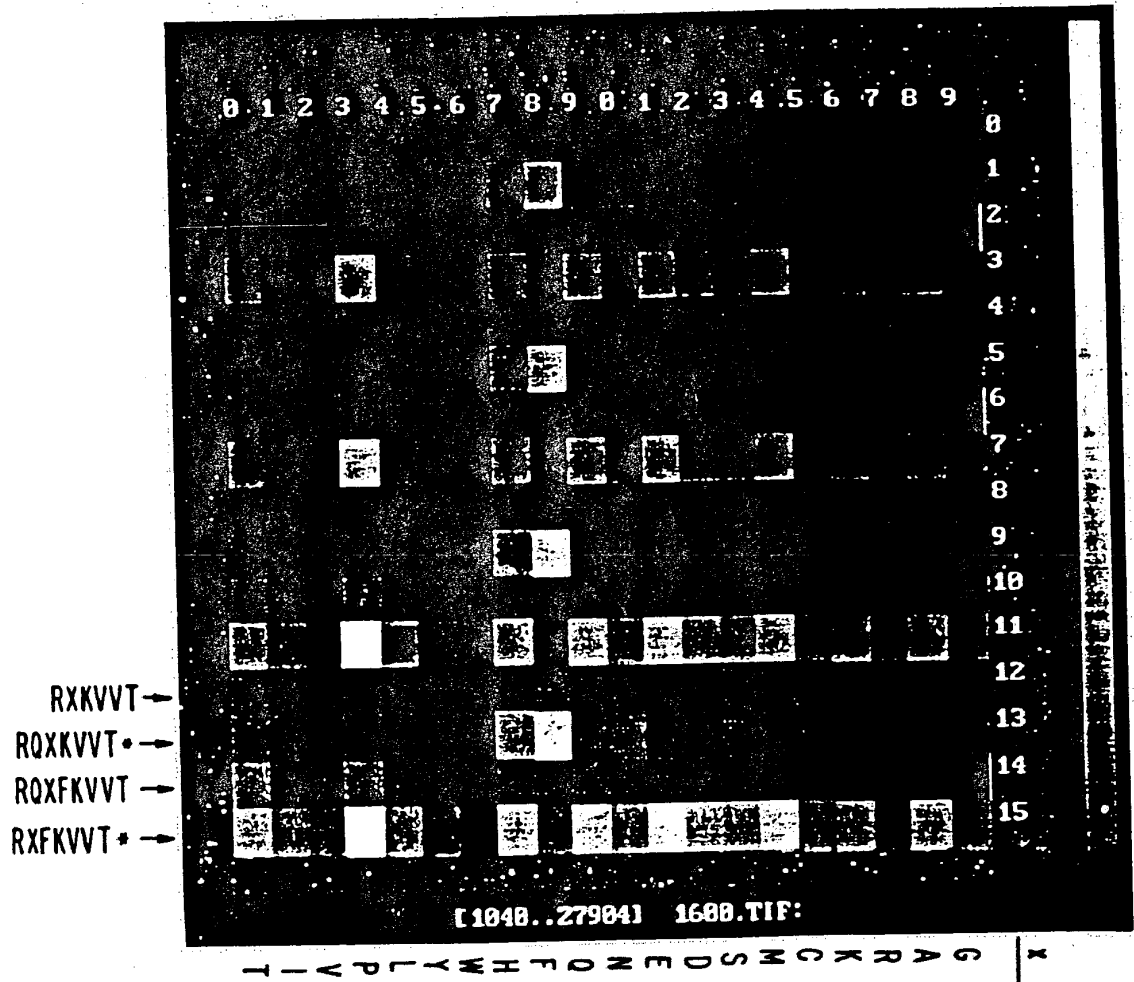


FIG. 32.

10044716.12404

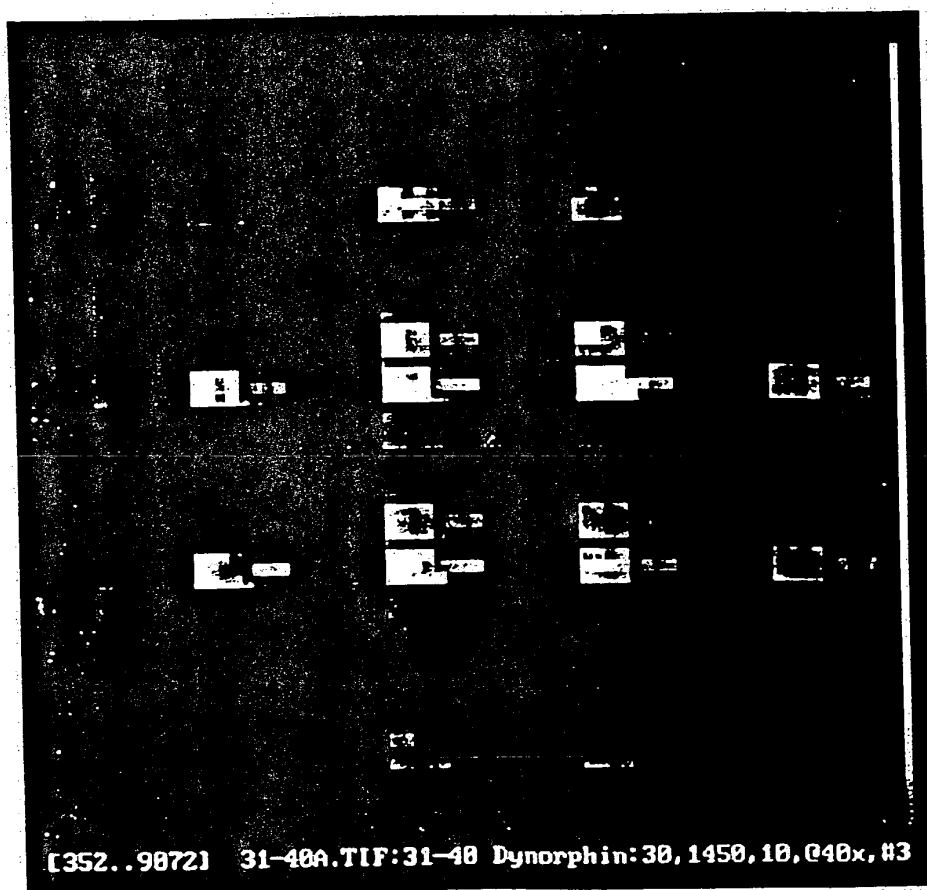


FIG. 33.

FOOT-STREET

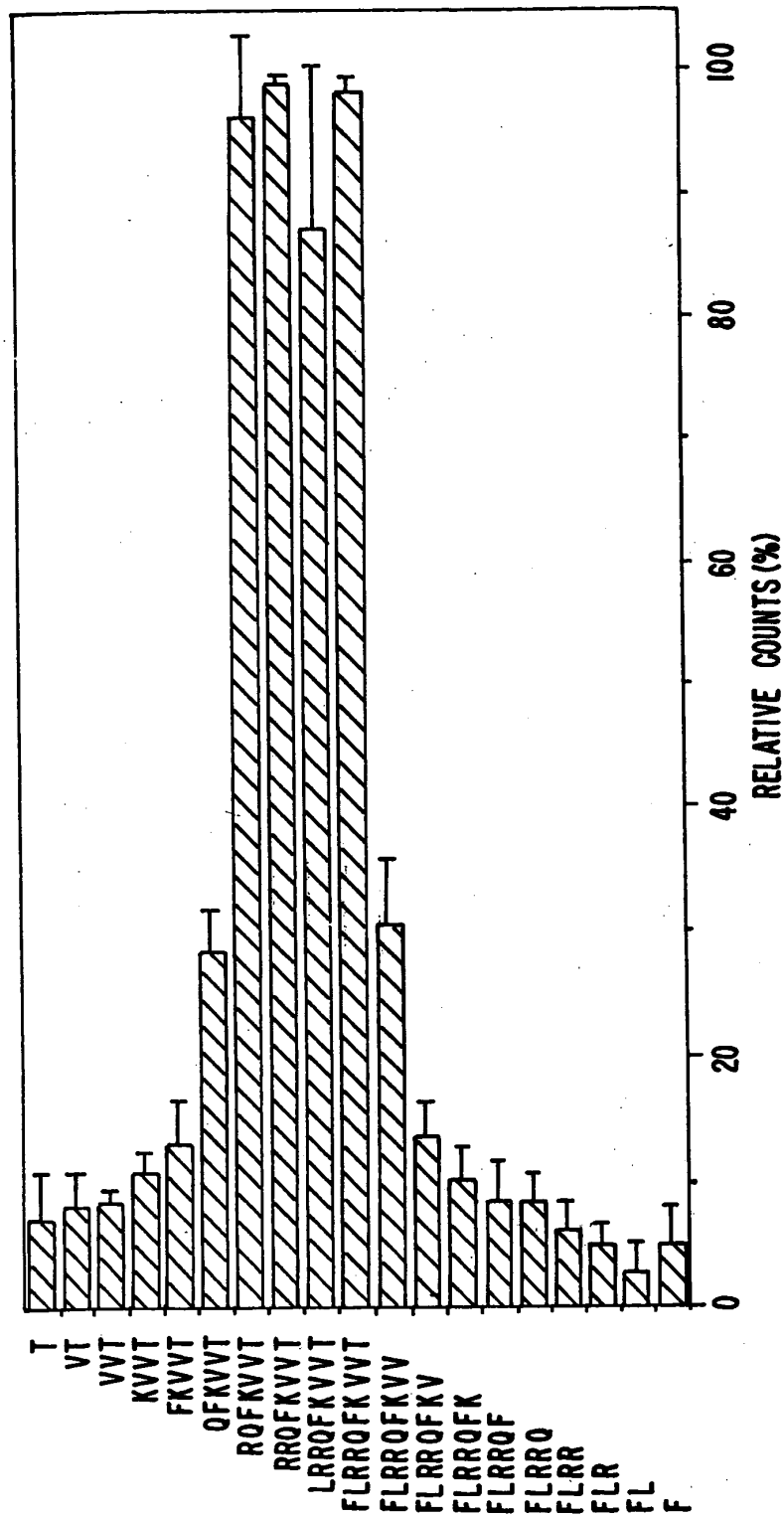


FIG. 34.

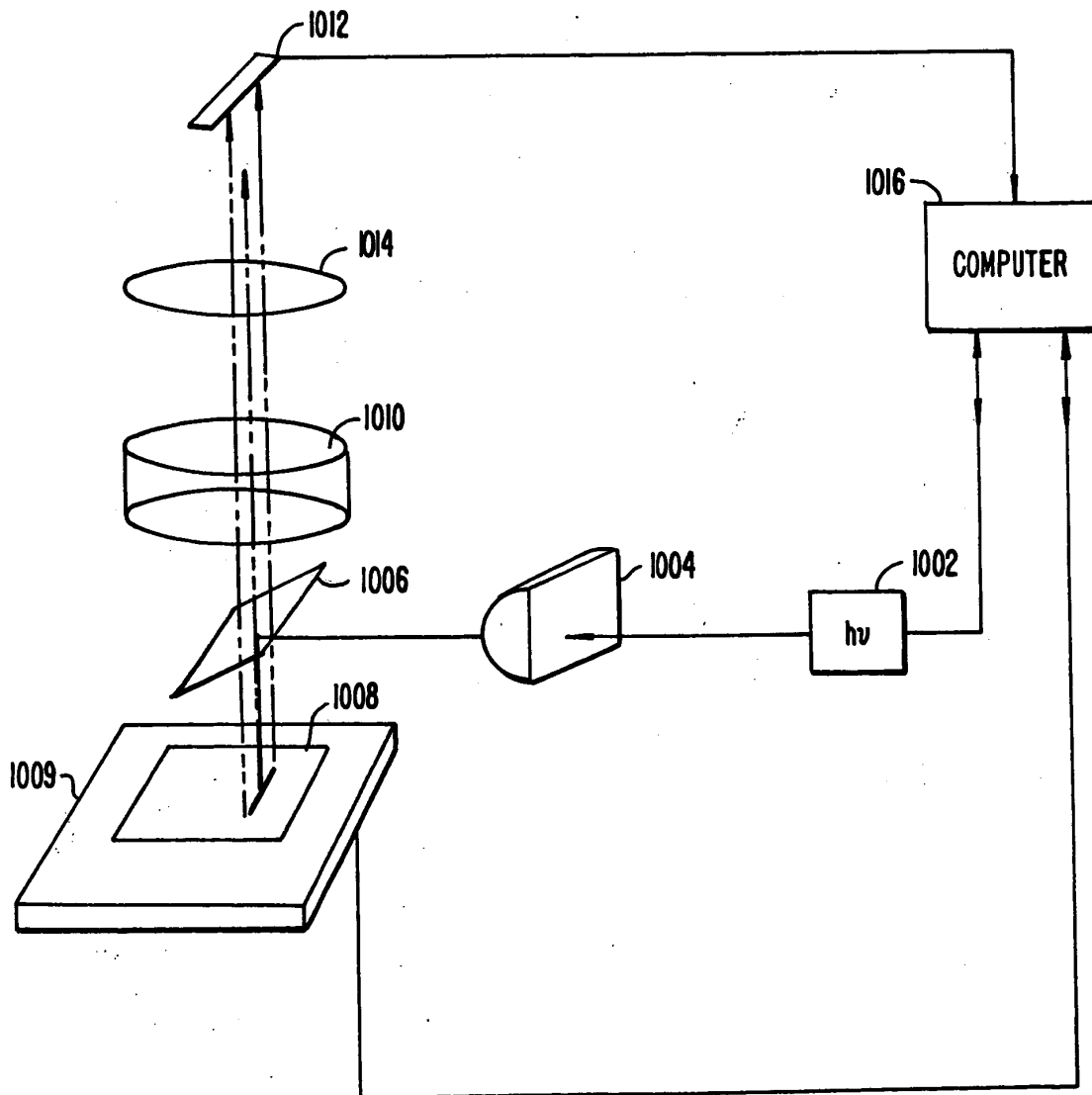


FIG 35.

10044746-134404

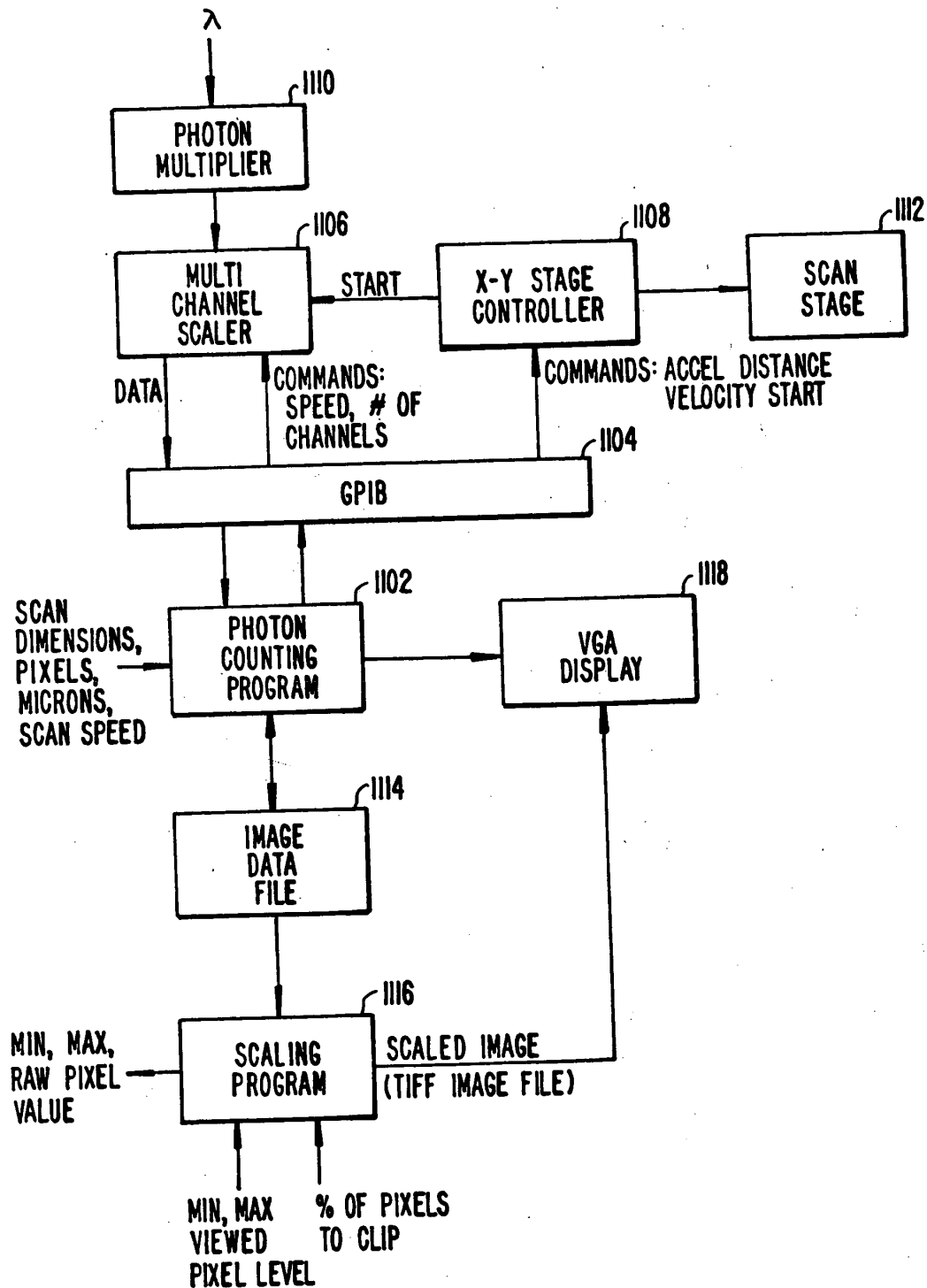
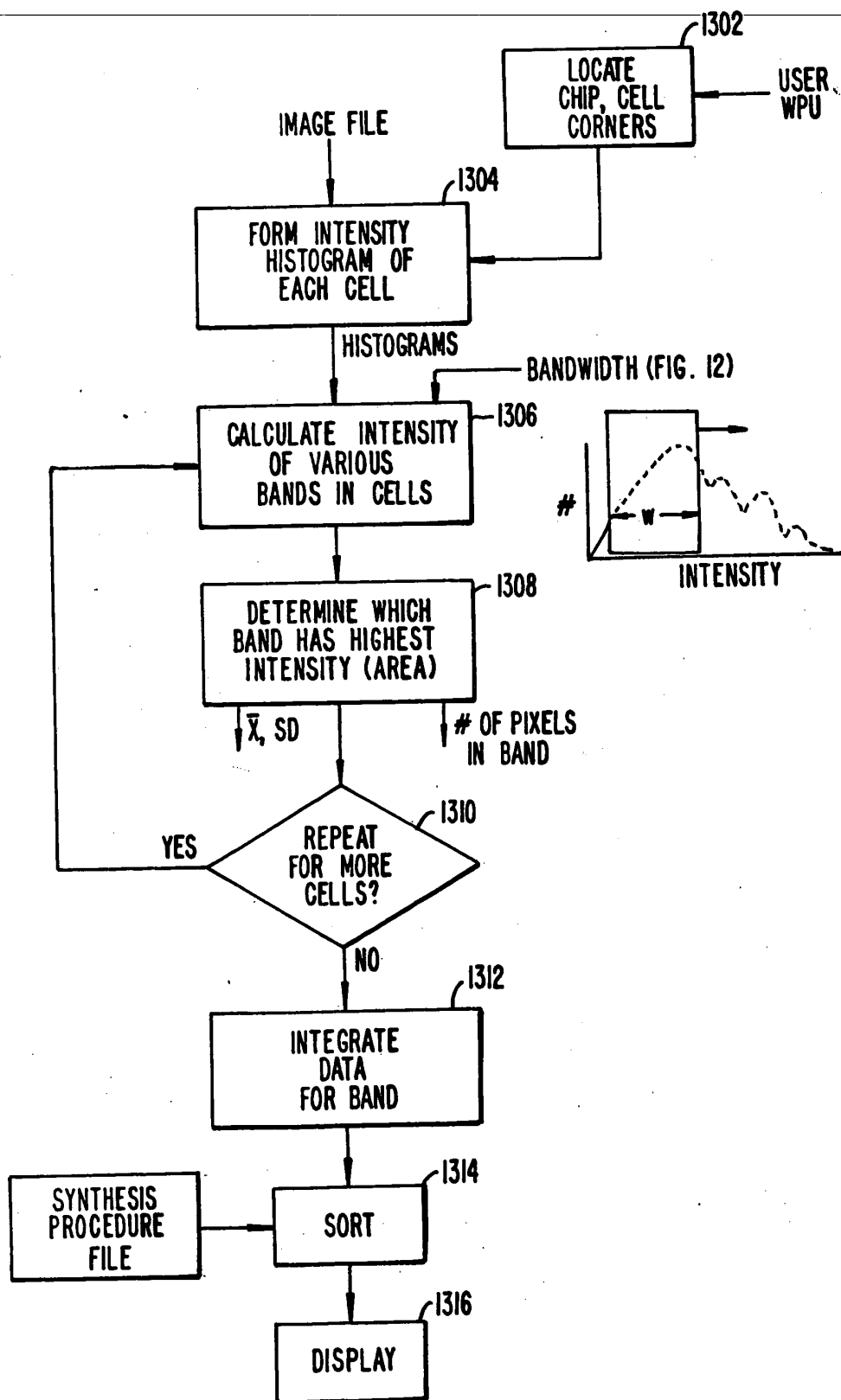
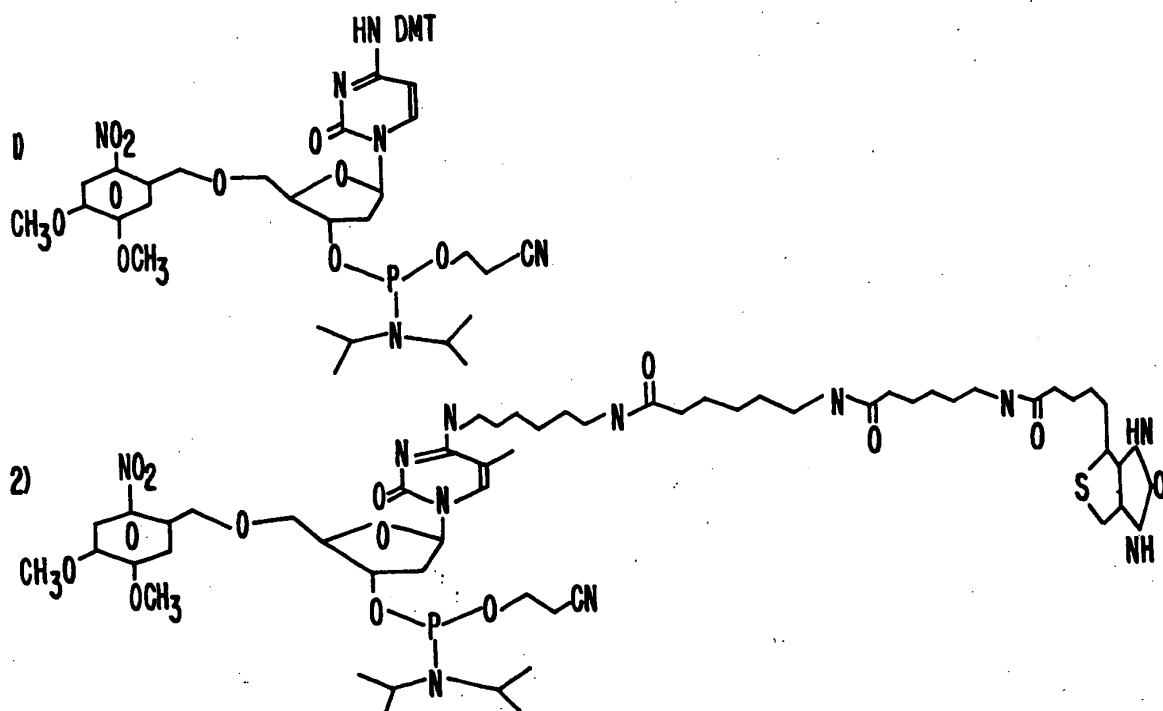


FIG. 36.





.....

FOOTER "ST/4FOOT

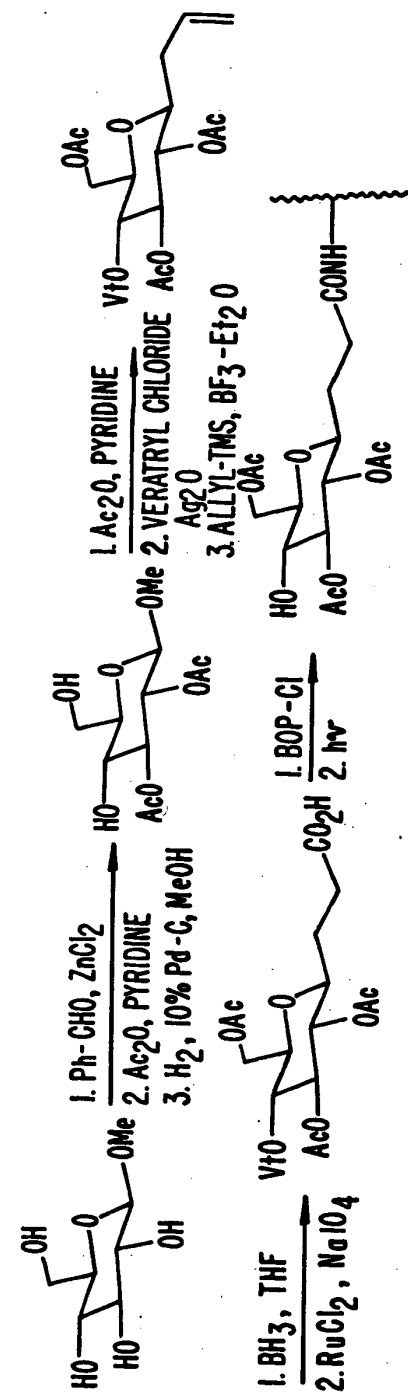


FIG. 40A.

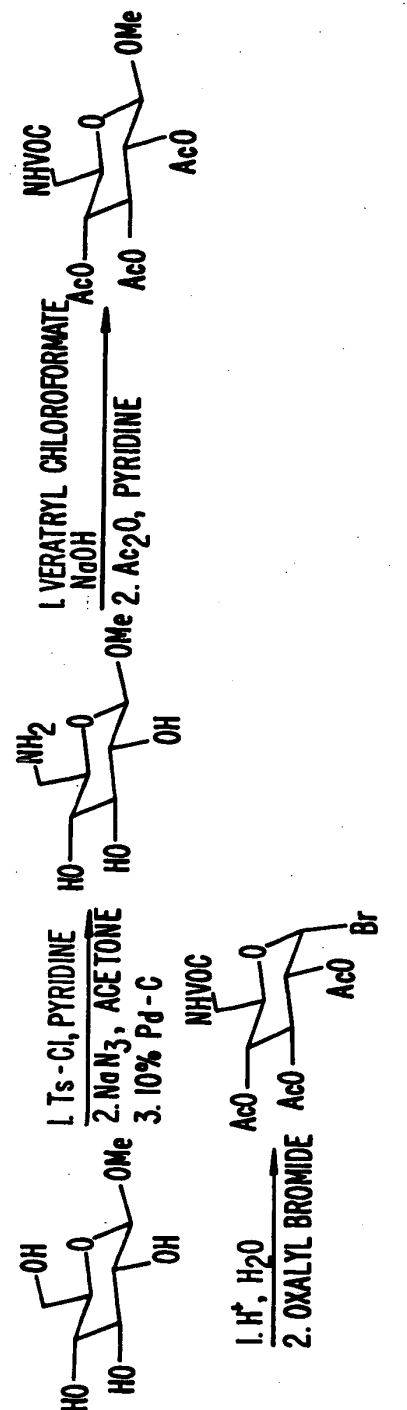


FIG. 40B.

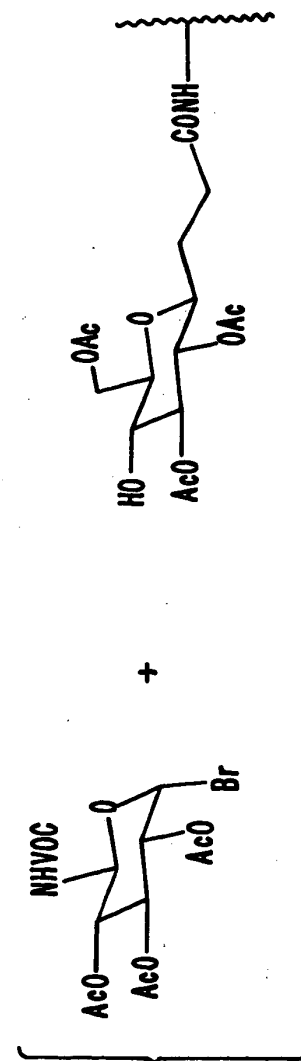
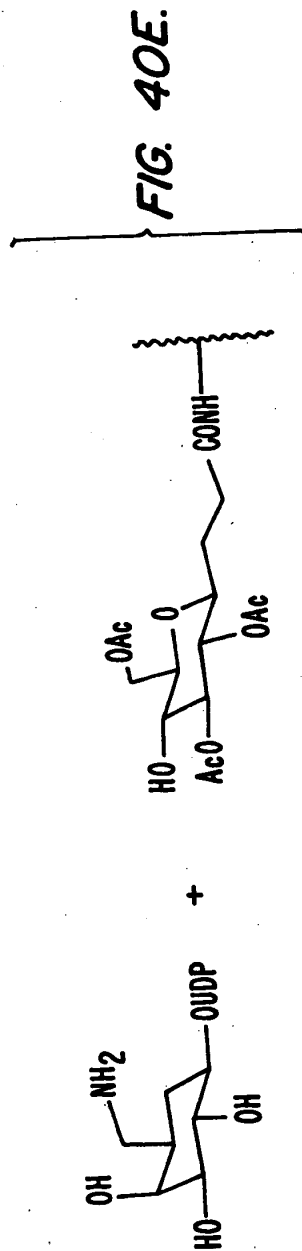
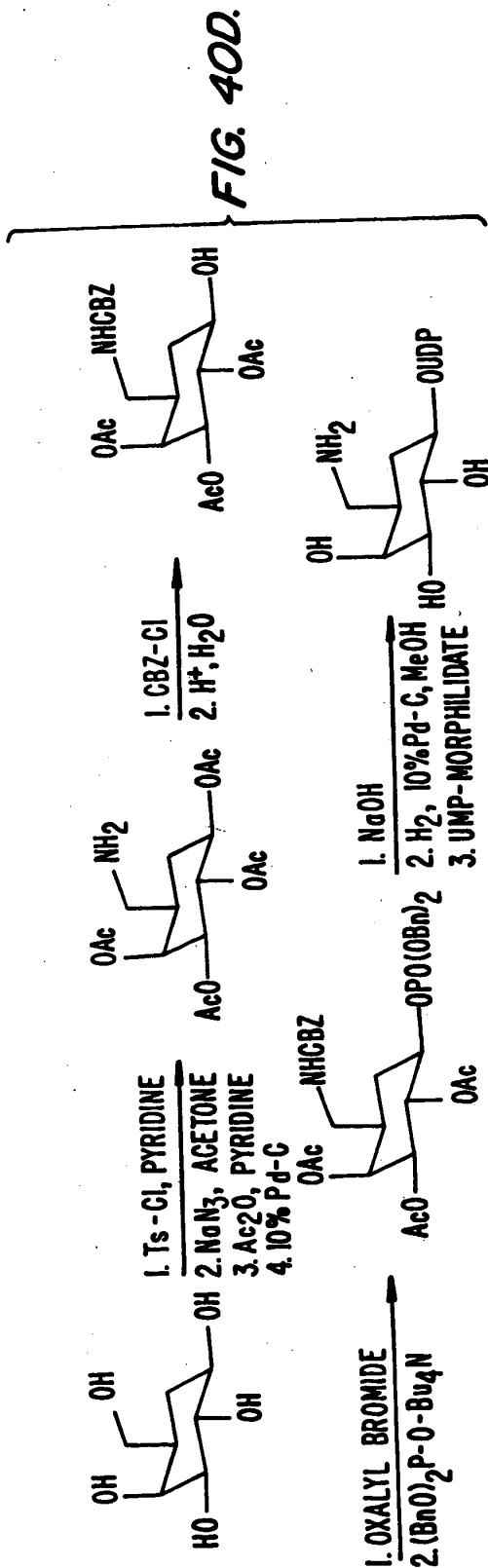
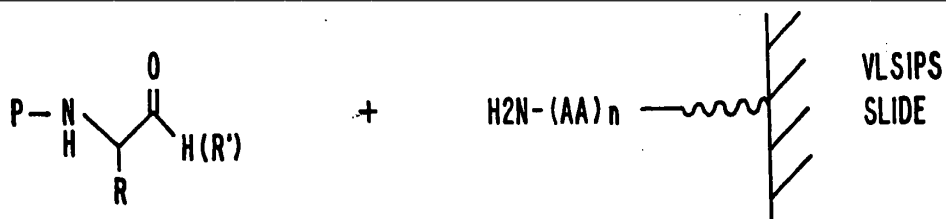


FIG. 40C.

FIG. 40D





WHERE R = AMINO ACID SIDE CHAIN OR OTHER DERIVATIVES
 R' = ALKYL
 P = PHOTO LABILE PROTECTING GROUP

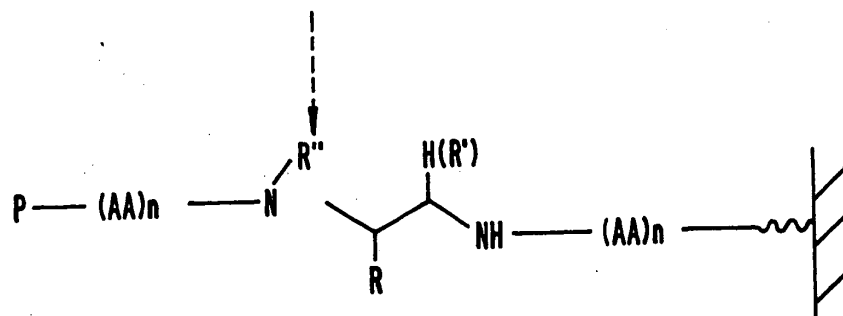
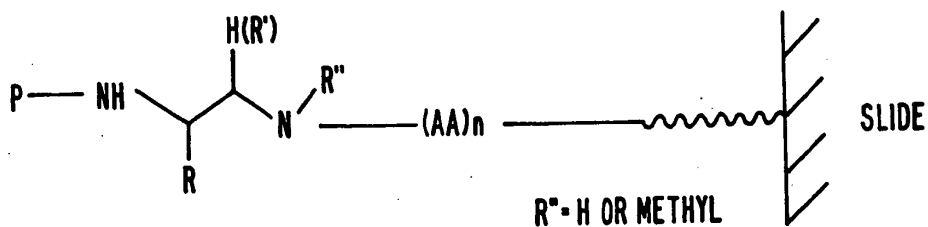
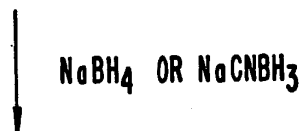
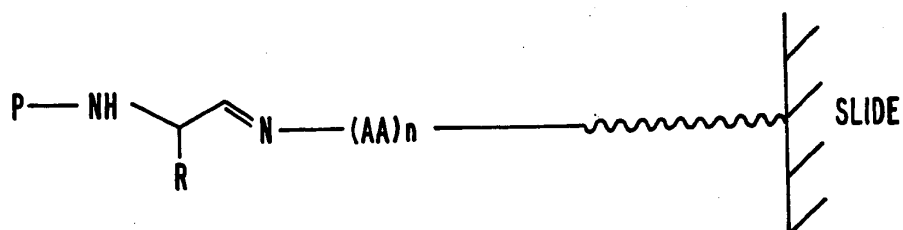
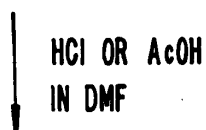


FIG. 41.

10044716-134404